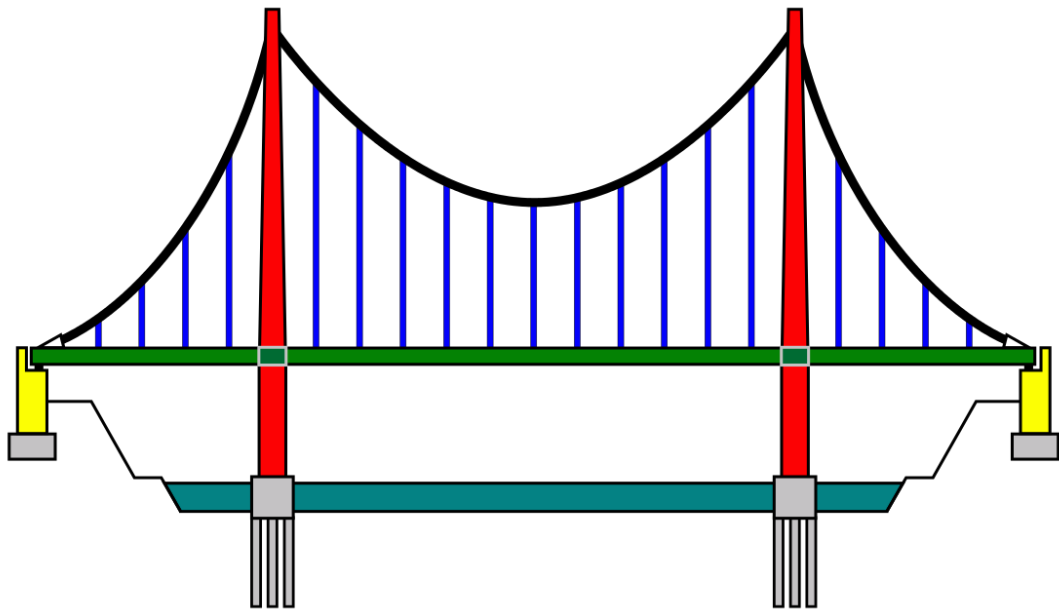


# Bridge to 4<sup>th</sup> Grade

## Answer Key



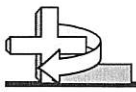
Summer Math Homework





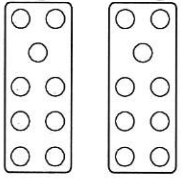
Solve each problem.

$\begin{array}{r} 7 \\ \times 4 \\ \hline 28 \end{array}$	$\begin{array}{r} 1 \\ \times 4 \\ \hline 4 \end{array}$	$\begin{array}{r} 2 \\ \times 4 \\ \hline 8 \end{array}$	$\begin{array}{r} 6 \\ \times 4 \\ \hline 24 \end{array}$	$\begin{array}{r} 5 \\ \times 4 \\ \hline 20 \end{array}$	$\begin{array}{r} 3 \\ \times 4 \\ \hline 12 \end{array}$	$\begin{array}{r} 4 \\ \times 4 \\ \hline 16 \end{array}$	$\begin{array}{r} 9 \\ \times 4 \\ \hline 36 \end{array}$	$\begin{array}{r} 8 \\ \times 4 \\ \hline 32 \end{array}$	$\begin{array}{r} 10 \\ \times 4 \\ \hline 40 \end{array}$
$\begin{array}{r} 4 \\ \times 5 \\ \hline 20 \end{array}$	$\begin{array}{r} 4 \\ \times 9 \\ \hline 36 \end{array}$	$\begin{array}{r} 4 \\ \times 3 \\ \hline 12 \end{array}$	$\begin{array}{r} 4 \\ \times 4 \\ \hline 16 \end{array}$	$\begin{array}{r} 4 \\ \times 10 \\ \hline 40 \end{array}$	$\begin{array}{r} 4 \\ \times 1 \\ \hline 4 \end{array}$	$\begin{array}{r} 4 \\ \times 8 \\ \hline 32 \end{array}$	$\begin{array}{r} 4 \\ \times 2 \\ \hline 8 \end{array}$	$\begin{array}{r} 4 \\ \times 7 \\ \hline 28 \end{array}$	$\begin{array}{r} 4 \\ \times 6 \\ \hline 24 \end{array}$
$\begin{array}{r} 10 \\ \times 4 \\ \hline 40 \end{array}$	$\begin{array}{r} 9 \\ \times 4 \\ \hline 36 \end{array}$	$\begin{array}{r} 4 \\ \times 4 \\ \hline 16 \end{array}$	$\begin{array}{r} 1 \\ \times 4 \\ \hline 4 \end{array}$	$\begin{array}{r} 7 \\ \times 4 \\ \hline 28 \end{array}$	$\begin{array}{r} 5 \\ \times 4 \\ \hline 20 \end{array}$	$\begin{array}{r} 6 \\ \times 4 \\ \hline 24 \end{array}$	$\begin{array}{r} 8 \\ \times 4 \\ \hline 32 \end{array}$	$\begin{array}{r} 2 \\ \times 4 \\ \hline 8 \end{array}$	$\begin{array}{r} 3 \\ \times 4 \\ \hline 12 \end{array}$
$\begin{array}{r} 4 \\ \times 9 \\ \hline 36 \end{array}$	$\begin{array}{r} 4 \\ \times 4 \\ \hline 16 \end{array}$	$\begin{array}{r} 4 \\ \times 6 \\ \hline 24 \end{array}$	$\begin{array}{r} 4 \\ \times 3 \\ \hline 12 \end{array}$	$\begin{array}{r} 4 \\ \times 1 \\ \hline 4 \end{array}$	$\begin{array}{r} 4 \\ \times 7 \\ \hline 28 \end{array}$	$\begin{array}{r} 4 \\ \times 5 \\ \hline 20 \end{array}$	$\begin{array}{r} 4 \\ \times 2 \\ \hline 8 \end{array}$	$\begin{array}{r} 4 \\ \times 8 \\ \hline 32 \end{array}$	$\begin{array}{r} 4 \\ \times 10 \\ \hline 40 \end{array}$
$\begin{array}{r} 5 \\ \times 4 \\ \hline 20 \end{array}$	$\begin{array}{r} 10 \\ \times 4 \\ \hline 40 \end{array}$	$\begin{array}{r} 2 \\ \times 4 \\ \hline 8 \end{array}$	$\begin{array}{r} 1 \\ \times 4 \\ \hline 4 \end{array}$	$\begin{array}{r} 4 \\ \times 4 \\ \hline 16 \end{array}$	$\begin{array}{r} 3 \\ \times 4 \\ \hline 12 \end{array}$	$\begin{array}{r} 7 \\ \times 4 \\ \hline 28 \end{array}$	$\begin{array}{r} 9 \\ \times 4 \\ \hline 36 \end{array}$	$\begin{array}{r} 8 \\ \times 4 \\ \hline 32 \end{array}$	$\begin{array}{r} 6 \\ \times 4 \\ \hline 24 \end{array}$



Tuesday

1) Express the groups shown as a multiplication problem with answer.

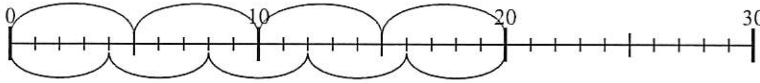


$9 \times 2 = 18$

2) Use the numberline to solve:

$4 \times 5 =$

$5 \times 4 =$



3) How many groups of 4 can you make with the 12 shapes below?



4) Rewrite as a multiplication problem with answer.



$10 \times 2 = 20$

10 rows of 2 = 20

5) Debby was buying DVDs of her favorite tv series. Each season had five DVDs. If she bought nine seasons how many DVDs did she buy total?

"Each" tells us to multiply  $5 \text{ DVDs} \times 9 \text{ seasons} = 45 \text{ DVDs}$

6) Fill in the missing fact from the fact family.

$36 \div 9 = 4$

$4 \times 9 = 36$

$36 \div 4 = 9$

?

7)  $80 = 8 \times ?$

Shortcut! Any number multiplied by 10 is the same number with a ten on the end.

$8 \times 10 = 80$     $6 \times 10 = 60$     $4 \times 10 = 40$

$7 \times 10 = 70$     $5 \times 10 = 50$     $3 \times 10 = 30$

8) Find a number that fills in both blanks.

$40 \div 5 = 8$   
 $8 \times 5 = 40$

9)  $80 \div 8 = 10$



10) Edward is helping to put away books. If he has fifty-four books to put away and each shelf can hold six books how many shelves will he need?

$? \times 6 = 54$   
 $54 \div 6 = 9$

Answers

1.  $2 \times 9 = 18$

2. 20

3. 3

4.  $10 \times 2 = 20$

5. 45

6.  $9 \times 4 = 36$

7. 10

8. 8

9. 10

10. 9

3oa1  
3oa1  
3oa2  
3oa3  
3oa3  
3oa4  
3oa4  
3oa6  
3oa7  
3oa8

# Regrouping or "borrowing" Wednesday Week 1 problem # 3

When we subtract we take the bottom number away from the number above it.

$$\begin{array}{r}
 8759 \\
 - 3412 \\
 \hline
 5347
 \end{array}
 \quad \text{or} \quad
 \begin{array}{r}
 5 \text{ hours} \quad 30 \text{ minutes} \\
 - 2 \text{ hours} \quad 15 \text{ minutes} \\
 \hline
 3 \quad 15
 \end{array}$$

But what if the bottom number is bigger?

$$\begin{array}{r}
 51 \\
 - 29 \\
 \hline
 \end{array}
 \quad \leftarrow \quad \text{I can't do } 1-9$$

Right now the number fifty one is written as 5 tens and 1 unit. I can rewrite it as 4 tens and 11 units.

<u>tens</u>	<u>units</u>	
4	11	now I can subtract
- 2	9	11 - 9 = 2
-----	-----	4 - 2 = 2
2	2	

Here is what it looks like if you use the short cut of not rewriting the problem but just "borrowing".

$$\begin{array}{r}
 4 \text{ } \\
 - 51 \\
 - 29 \\
 \hline
 22
 \end{array}
 \quad \text{or} \quad
 \begin{array}{r}
 1 \overset{8}{\cancel{8}} 4 \\
 - 26 \\
 \hline
 168
 \end{array}$$

Wednesday Week 1  
# 9

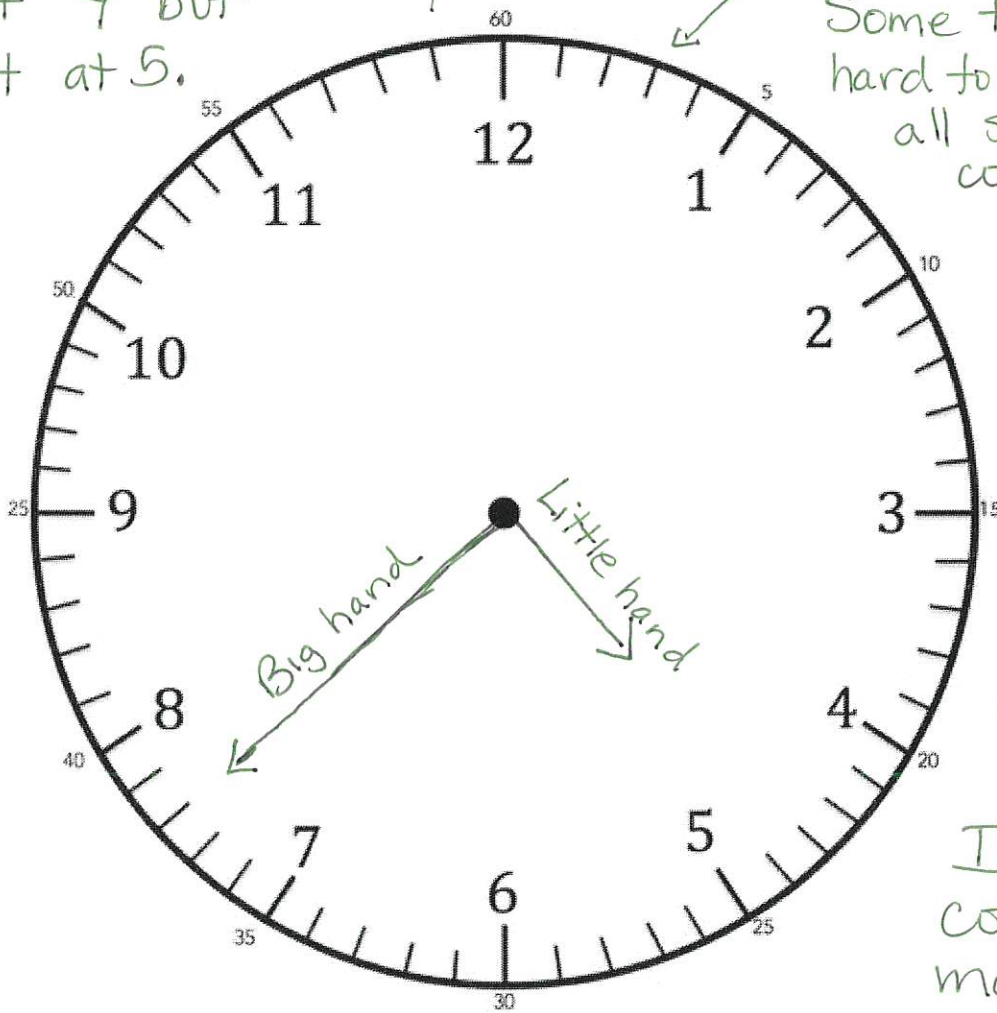
The big numbers on the clock show the hours. The little hand on this clock shows it is past 4 but not yet at 5.

The little markings on a clock show the minutes.

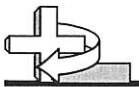
Some times it is hard to count them all so we skip count by 5 until we get close to where the hand is pointing. If I skip count to 35 then

I can count the markings after

36, 37, 38



4:38



Wednesday

1) 
$$\begin{array}{r} 9 \\ \times 9 \\ \hline 81 \end{array}$$

2) 
$$\begin{array}{r} 11 \\ 488 \\ +367 \\ \hline 855 \end{array}$$

3) 
$$\begin{array}{r} 194 \\ - 26 \\ \hline 168 \end{array}$$

rewrite as  

$$\begin{array}{r} 100 + 80 + 14 \\ - 20 + 6 \\ \hline 100 + 60 + 8 \\ 168 \end{array}$$

4)  $50 \div 10 = \underline{5}$

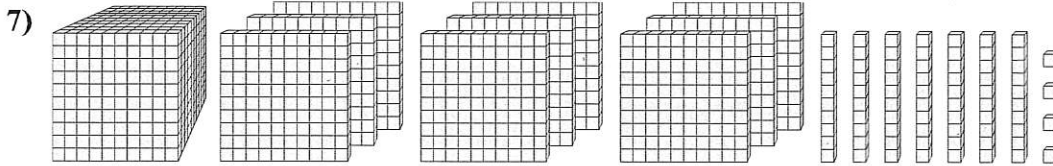
To divide a number by 10, take off the last 0.

5) Robin had 8 pages of math homework and 2 pages of reading homework. If each page had 4 problems on it, how many problems did she have to complete total?

Step 1 How many pages total?  $8 + 2 = 10$   
 Step 2 How many problems total?  $10 \times 4 = 40$

6) Round 685 to the nearest hundred.

685 is between 600 and 700. since  $85 > 50$  round up to 700.

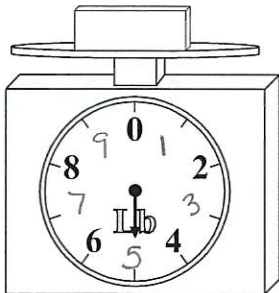


What digit is in the tens place in the number above?

1 thousand 9 hundreds

7 tens 4 units

8)



What is the weight (in pounds) of the block?

9) What time is shown?



The little hand is after the 4 but not yet at 5 - so the hour is 4. The big hand is pointing to 38.  
 4:38

10) Victor spent 1 hour and 20 minutes looking for his missing cat. If he finally found it at 3:30 what time did was it when he originally started looking?

$$\begin{array}{r} 3 \text{ hours} \quad 30 \text{ min.} \\ - 1 \text{ hour} \quad 20 \text{ min.} \\ \hline 2 \text{ hours} \quad 10 \text{ min} \quad 2:10 \end{array}$$

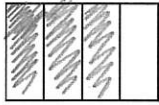
Answers

1. 81 2nbt7
2. 855 2nbt7
3. 168 3oa7
4. 5 3oa7
5. 40 3oa8
6. 700 3nbt1
7. 7 3nbt1
8. 5 lb 3nbt2
9. 4:38 3nbt1
10. 2:10 3nbt1



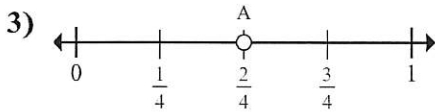
Thursday

- 1) Write the shaded amount as a fraction of the whole.

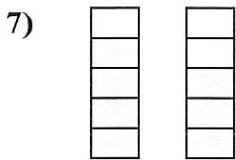
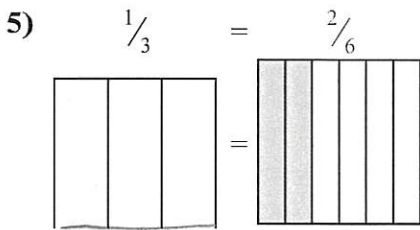


There are 4 parts total, 3 are shaded

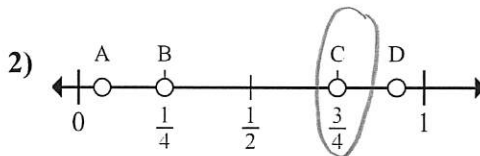
3 out of 4 is  $\frac{3}{4}$



What is the location of A (written as a fraction)?

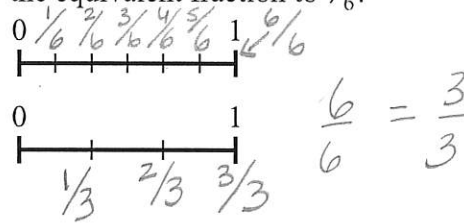


- A.  $\frac{4}{5} > \frac{3}{5}$       B.  $\frac{5}{4} > \frac{5}{3}$   
 C.  $\frac{1}{4} < \frac{2}{3}$       D.  $\frac{4}{1} < \frac{3}{2}$

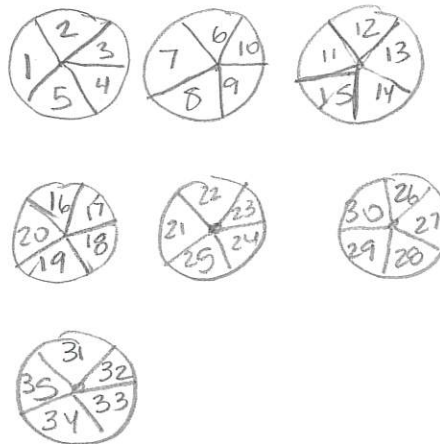


Which letter best shows  $\frac{3}{4}$ ?

- 4) Using the number lines shown, what is the equivalent fraction to  $\frac{6}{6}$ ?



- 6) Write 7 as a fraction with 5 in the denominator.



7 pizzas cut into 5 pieces each

1 pizza is  $\frac{5}{5}$

2 pizzas are  $\frac{10}{5}$

7 pizzas are  $\frac{35}{5}$

Answers

- |     |                |       |
|-----|----------------|-------|
| 1.  | $\frac{3}{4}$  | 3nf1  |
| 2.  | C              | 3nf2a |
| 3.  | $\frac{2}{4}$  | 3nf2b |
| 4.  | $\frac{3}{3}$  | 3nf3a |
| 5.  | $\frac{2}{6}$  | 3nf3b |
| 6.  | $\frac{35}{5}$ | 3nf3c |
| 7.  | A              | 3nf3d |
| 8.  | 1              | 3md3  |
| 9.  | 8              | 3md4  |
| 10. | C              | 3md2  |

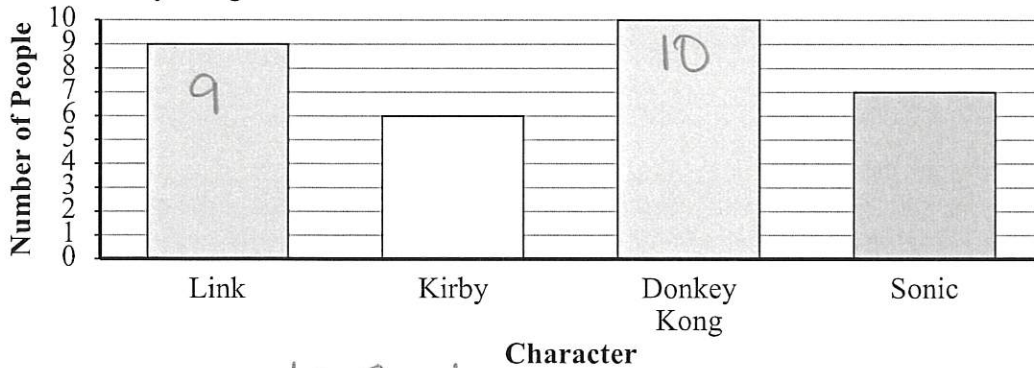
Short cut

$$7 \times \frac{5}{5} = \frac{35}{5}$$





8) Use the graph below to answer the question: How many fewer people liked Link than liked Donkey Kong?



10 - 9 = 1

9)

		x				
		x	x			
	x	x	x			
x	x	x	x			
x	x	x	x	x		
1	2	3	4	5		

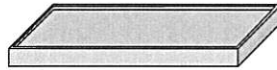
Days

x = 1 fish caught

What is the combined amount of fish caught on day 3 and on day 2?

3 + 5 = 8

10)



Flour in a pan of brownies

- A. 16 Liters
- B. 3 Liters
- C. 0.5 Liters
- D. 10 Milliliters



1 liter is a big bottle of soda. That is too much! So 3L and 16 L are also too much flour.

milliliters are very tiny 10 ml is a spoonful of kids medicine. That is too little! So the answer is

• 5 Liters

• 5 means one half of a liter

Making your multiples:

Friday Week 1  
Problem #9

Lets say you need to multiply  $8 \times 9$   
but you don't remember what  $8 \times 9$  is,

Here is an easy way to count up to  
the answer.

Make 8 dots      

Count the dots and write the answer down

8

Now keep counting starting with the next  
number 9, 10, 11, 12, 13, 14, 15, (16)

16

Keep going until you have 9 multiples of  
8 written down.

8, 16, 24, 32, 40, 48, 56, 64, 72

$$\underline{8 \times 9 = 72}$$

From this list you can also tell that

$8 \times 1 = 8$	$8 \times 2 = 16$	$8 \times 3 = 24$	$8 \times 4 = 32$
$8 \times 5 = 40$	$8 \times 6 = 48$	$8 \times 7 = 56$	$8 \times 8 = 64$



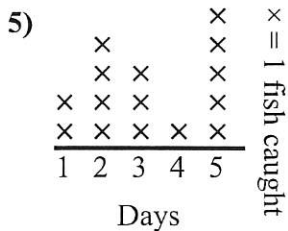
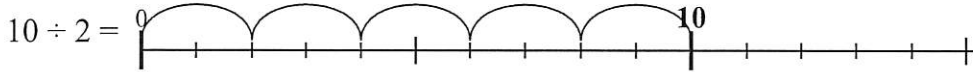
Friday

$$\begin{array}{r} 1) \quad 898 \\ + 46 \\ \hline 944 \end{array}$$

$$\begin{array}{r} 2) \quad 9,878 \\ - \quad 7 \\ \hline 9,871 \end{array}$$

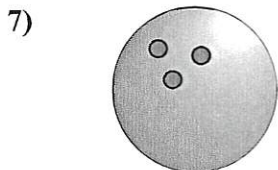
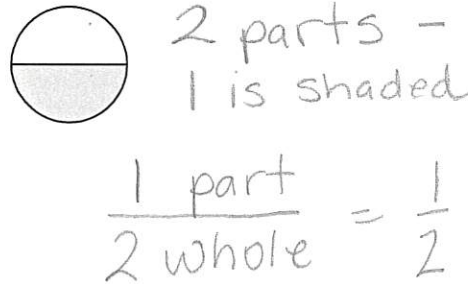
3) If  $5 \times 1 = 5$ ,  
then  $50 \times 1 = 50$

4) Use the numberline to solve.



Were more fish caught on day 3 or day 5?  
5 > 3 so - Day 5

6) Write the shaded amount as a fraction of the whole.



Bowling Ball

- A. 200 grams
- B. 7 kilograms
- C. 50 kilograms
- D. 90 kilograms

8) Find the rule the function machine is using.

<b>In</b>	26	32	51	56	62
<b>Out</b>	12	18	37	42	48

- A. Subtract 16
- B. Add 14
- C. Subtract 14
- D. Subtract 13

$$\begin{array}{r} 9) \quad 8 \\ \times 9 \\ \hline 72 \end{array}$$

$$\begin{array}{r} 10) \quad 7 \\ \times 5 \\ \hline 35 \end{array}$$

Grams and Kilograms measure weight.  
→ a big dog is 50 kilograms -  
so 50 and 90 are too heavy!

A piece of paper weighs 1 gram.  
That is light!

A can of beans weighs about  
200 grams. That is too light for  
a bowling ball. So the  
answer is 7 kilograms.

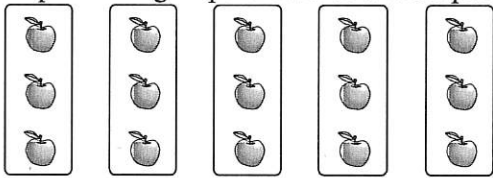
Answers

- 1. 944 2nb7
- 2. 9,871 3oa1
- 3. 50 3oa1
- 4. 5 3oa1
- 5. day 5 3mnd4
- 6. 1/2 3nfi
- 7. B 3mnd2
- 8. C 3oa9
- 9. 72
- 10. 35



Monday

1) Express the groups shown as a multiplication problem with answer.

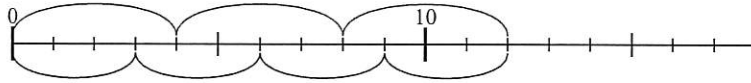


$3 \times 5 = 15$

2) Use the numberline to solve:

$3 \times 4 =$

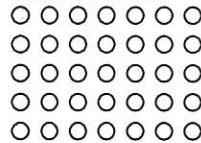
$4 \times 3 =$



3) How many groups of 3 can you make with the 6 shapes below?



4) Rewrite as a multiplication problem with answer.



5 rows of 7 circles

$5 \times 7 = 35$

5) For Paige's birthday three of her friends gave her four dollars. How much money did she get for her birthday?



$4 + 4 + 4 = 12$   
 $4 \times 3 = 12$

6) Fill in the missing fact from the fact family.

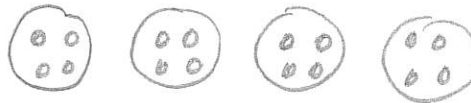
$72 \div 8 = 9$

$8 \times 9 = 72$

$9 \times 8 = 72$

?

7)  $4 \times 4 = ?$



8) Find a number that fills in both blanks.

$14 \div 2 =$  \_\_\_\_\_

\_\_\_\_\_  $\times 2 = 14$

9)  $60 \div 10 =$  6

Remember the ten rule!

10) A vase can hold five flowers. If you had thirty-five flowers, how many vases would you need?

Answers

1.	$5 \times 3 = 15$	3oa1
2.	12	3oa1
3.	2	3oa2
4.	$5 \times 7 = 35$	3oa3
5.	12	3oa3
6.	$72 \div 9 = 8$	3oa4
7.	16	3oa4
8.	7	3oa6
9.	6	3oa7
10.	7	3oa8



Solve each problem.

$\begin{array}{r} 4 \\ \times 5 \\ \hline 20 \end{array}$	$\begin{array}{r} 6 \\ \times 5 \\ \hline 30 \end{array}$	$\begin{array}{r} 1 \\ \times 5 \\ \hline 5 \end{array}$	$\begin{array}{r} 3 \\ \times 5 \\ \hline 15 \end{array}$	$\begin{array}{r} 8 \\ \times 5 \\ \hline 40 \end{array}$	$\begin{array}{r} 10 \\ \times 5 \\ \hline 50 \end{array}$	$\begin{array}{r} 2 \\ \times 5 \\ \hline 10 \end{array}$	$\begin{array}{r} 5 \\ \times 5 \\ \hline 25 \end{array}$	$\begin{array}{r} 9 \\ \times 5 \\ \hline 45 \end{array}$	$\begin{array}{r} 7 \\ \times 5 \\ \hline 35 \end{array}$
$\begin{array}{r} 5 \\ \times 7 \\ \hline 35 \end{array}$	$\begin{array}{r} 5 \\ \times 8 \\ \hline 40 \end{array}$	$\begin{array}{r} 5 \\ \times 10 \\ \hline 50 \end{array}$	$\begin{array}{r} 5 \\ \times 5 \\ \hline 25 \end{array}$	$\begin{array}{r} 5 \\ \times 1 \\ \hline 5 \end{array}$	$\begin{array}{r} 5 \\ \times 9 \\ \hline 45 \end{array}$	$\begin{array}{r} 5 \\ \times 6 \\ \hline 30 \end{array}$	$\begin{array}{r} 5 \\ \times 3 \\ \hline 15 \end{array}$	$\begin{array}{r} 5 \\ \times 4 \\ \hline 20 \end{array}$	$\begin{array}{r} 5 \\ \times 2 \\ \hline 10 \end{array}$
$\begin{array}{r} 4 \\ \times 5 \\ \hline 20 \end{array}$	$\begin{array}{r} 9 \\ \times 5 \\ \hline 45 \end{array}$	$\begin{array}{r} 3 \\ \times 5 \\ \hline 15 \end{array}$	$\begin{array}{r} 8 \\ \times 5 \\ \hline 40 \end{array}$	$\begin{array}{r} 6 \\ \times 5 \\ \hline 30 \end{array}$	$\begin{array}{r} 10 \\ \times 5 \\ \hline 50 \end{array}$	$\begin{array}{r} 5 \\ \times 5 \\ \hline 25 \end{array}$	$\begin{array}{r} 1 \\ \times 5 \\ \hline 5 \end{array}$	$\begin{array}{r} 7 \\ \times 5 \\ \hline 35 \end{array}$	$\begin{array}{r} 2 \\ \times 5 \\ \hline 10 \end{array}$
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$\begin{array}{r} 3 \\ \times 5 \\ \hline 15 \end{array}$	$\begin{array}{r} 6 \\ \times 5 \\ \hline 30 \end{array}$	$\begin{array}{r} 4 \\ \times 5 \\ \hline 20 \end{array}$	$\begin{array}{r} 1 \\ \times 5 \\ \hline 5 \end{array}$	$\begin{array}{r} 8 \\ \times 5 \\ \hline 40 \end{array}$	$\begin{array}{r} 9 \\ \times 5 \\ \hline 45 \end{array}$	$\begin{array}{r} 7 \\ \times 5 \\ \hline 35 \end{array}$	$\begin{array}{r} 5 \\ \times 5 \\ \hline 25 \end{array}$	$\begin{array}{r} 2 \\ \times 5 \\ \hline 10 \end{array}$	$\begin{array}{r} 10 \\ \times 5 \\ \hline 50 \end{array}$

Tuesday

1)  $9 \times 6 = 54$

2)  $416 + 303 = 719$

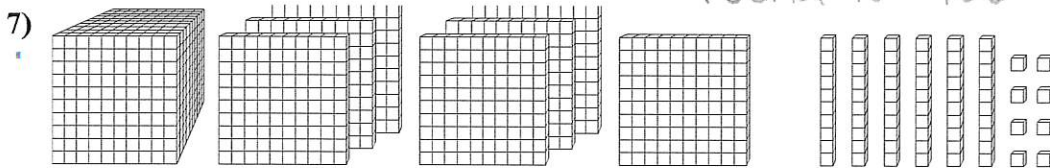
3)  $240 - 2 = 238$   
 We can't take 2 away from zero so we "borrow" a ten from the tens place.

4)  $10 \div 1 = 10$

5) Maria was playing a video game where she scores 4 points for each treasure she finds. If she found 4 treasures on the first level and 2 on the second, what would her score be?  
 Step One: How many treasures?  $4 + 2 = 6$   
 Step Two: How many points?  $6 \times 4 = 24$

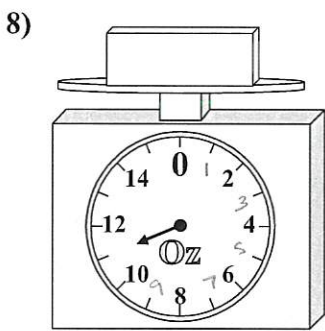
6) Round 386 to the nearest hundred.

386 is between 300 and 400 - since  $86 > 50$  round to 400



What digit is in the hundreds place in the number above?  
 Thousands hundreds

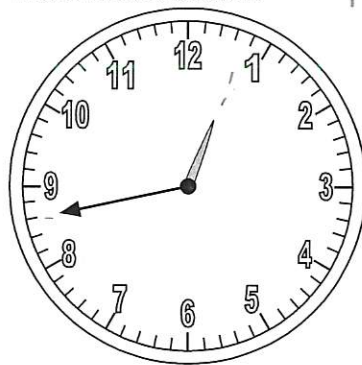
tens units



If the block shown were 6 ounces heavier, how much would it weigh?

$11 + 6 = 17$

9) What time is shown?



The hour is after 12 but not yet at 1.

The minute hand is at 43.

12:43

Tip: The minute hand counts the little hash marks not the numbers. A big number comes every 5 minutes.

10) Maria took a train from her house to the state capitol. The train ride lasted 3 hours and 15 minutes. If Maria arrived at 5:35, what time did her train leave?

$5 \text{ hours } 35 \text{ minutes} - 3 \text{ hours } 15 \text{ minutes} = 2 \text{ hours } 20 \text{ mi}$

Answers

1. 54 2nd7
2. 719 2nd7
3. 238 3rd7
4. 10 3rd8
5. 24 3rd1
6. 400 3rd1
7. 7 3rd2
8. 17 oz 3rd2
9. 12:43 3rd1
10. 2:20 3rd1

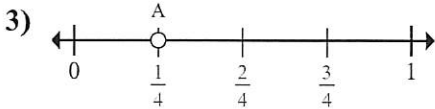


Wednesday

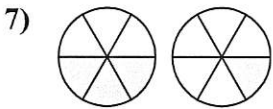
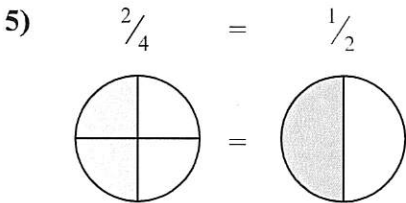
1) Write the shaded amount as a fraction of the whole.



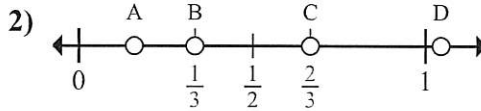
How many shaded = 1  
How many parts = 6



What is the location of A (written as a fraction)?

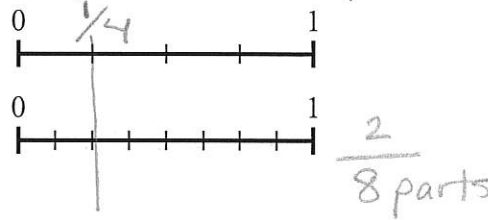


- A.  $\frac{3}{6} > \frac{1}{6}$
- B.  $\frac{3}{3} > \frac{5}{1}$
- C.  $\frac{3}{3} < \frac{1}{5}$
- D.  $\frac{3}{3} > \frac{1}{5}$



Which letter best shows  $\frac{2}{3}$ ?

4) Using the number lines shown, what is the equivalent fraction to  $\frac{1}{4}$ ?

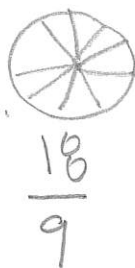


6) Write  $\frac{45}{9}$  as a whole number.

Lets make pizzas!



9 out of 9 slices  
or  $\frac{9}{9}$



5 pizzas!

Answers

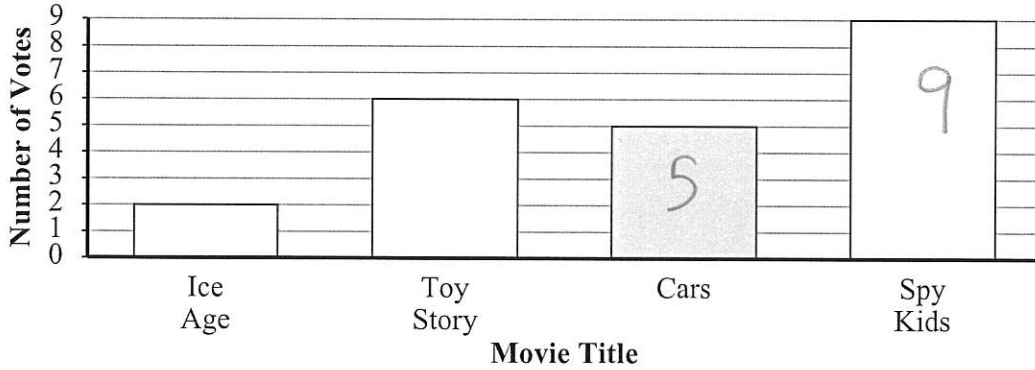
- 1.  $\frac{1}{6}$
- 2. C
- 3.  $\frac{1}{4}$
- 4.  $\frac{2}{8}$
- 5.  $\frac{1}{2}$
- 6. 5
- 7. A
- 8. 4
- 9. 0
- 10. B

Shortcut

$45 \div 9 = 5$

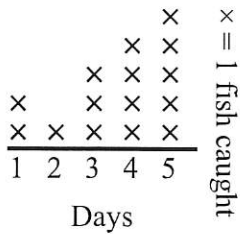


8) Use the graph below to answer the question: How many more votes did Spy Kids receive than Cars?



9 - 5 = 4

9)



How many days were more than 7 fish caught?

No days

10)



Gallon of Milk

- A. 1 Liters
- B. 3.75 Liters
- C. 50 Milliliters
- D. 750 Milliliters

Lets put our measurements in order from least to greatest,

1 milliliter = 20 tear drops

50 milliliters = 6 ketchup packets

750 milliliters = a disposable water bottle.

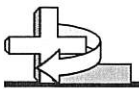
3.75 Liters is equal to

3750 milliliters

and One Gallon







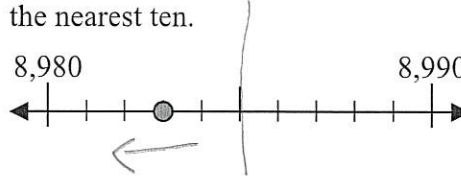
Friday

1) Ned collected 3 rocks from his garden. The first was 547 grams, the second was 853 grams and the last was 323 grams. What is the combined weight (in grams) of all three rocks?  
 $547 + 853 + 323$

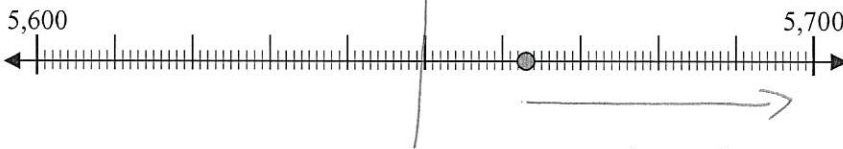
2) Find the value of Z.  
 $826 = 347 + Z$   

$$\begin{array}{r} 71 \\ 826 \\ - 347 \\ \hline 479 \end{array}$$

3) Use the numberline to round 8,983 to the nearest ten.



4) Use the numberline to round 5,663 to the nearest 100.



5) Round 44,751 to the nearest ten.

44751 is between 44750 and 44760  
 Since  $1 < 5$ , round to 44,750

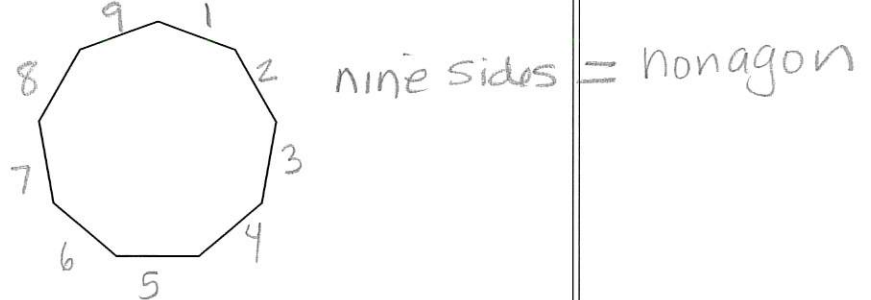
6) Ned's school was collecting cans for recycling. They had 33 bags with 98 cans inside each bag. Which expression show about how many cans they collected?

A.  $30 \times 100$     B.  $40 \times 100$     C.  $30 \times 90$     D.  $40 \times 90$   
 $33 \approx 30$      $98 \approx 100$

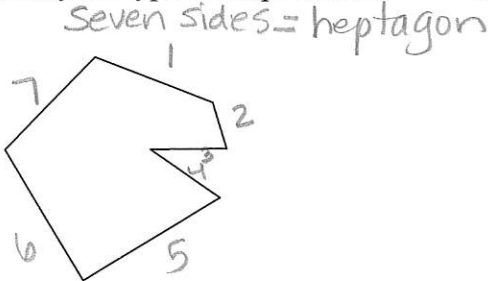
7)  $40 \times 6 =$  240

$4 \times 6 = 24$   
 $40 \times 6 = 240$

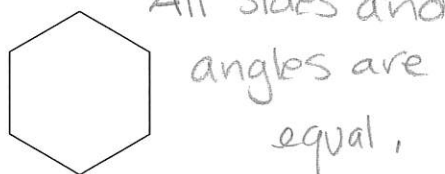
8) Identify the type of shape shown.



9) Identify the type of shape shown.



10) Is the shape shown regular or irregular?



Answers

- |     |                 |       |
|-----|-----------------|-------|
| 1.  | <u>1,723</u>    | 3nb12 |
| 2.  | <u>479</u>      | 3nb12 |
| 3.  | <u>8,980</u>    | 3nb1  |
| 4.  | <u>5,700</u>    | 3nb1  |
| 5.  | <u>44,750</u>   | 3nb1  |
| 6.  | <u>A</u>        | 3nb1  |
| 7.  | <u>240</u>      | 3nb13 |
| 8.  | <u>nonagon</u>  | 3e1   |
| 9.  | <u>heptagon</u> | 3e1   |
| 10. | <u>regular</u>  | 3e1   |



Monday

$$\begin{array}{r} 1) \quad 9 \\ \times 4 \\ \hline 36 \end{array}$$

$$\begin{array}{r} 2) \quad 749 \\ +103 \\ \hline 852 \end{array}$$

$$\begin{array}{r} 3) \quad 86 \\ -22 \\ \hline 64 \end{array}$$

4)  $2 \div 1 = \underline{2}$

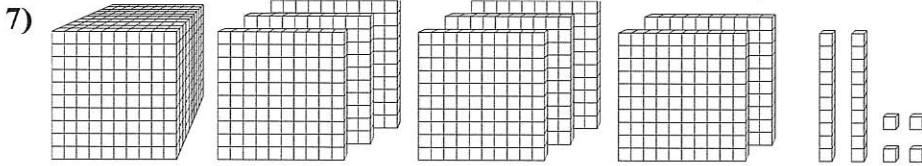
Hint! Any number divided by 1 is itself.  $3 \div 1 = 3, 4 \div 1 = 4$

5) At George's Restaurant a group with 7 adults and 3 children came in to eat. If each meal cost 4 dollars, how much was the bill?

Step one: How many people?  $7 + 3 = 10$   
 Step Two: How much money?  $10 \times 4 = 40$

6) Round 7,874 to the nearest hundred.

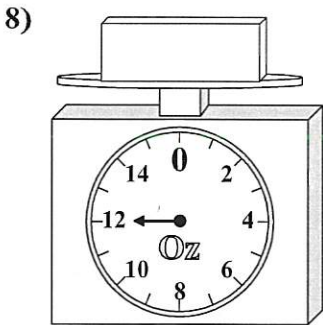
7,874 is between 7,800 and 7,900. Since  $74 > 50$  round up to 7,900.



What digit is in the ones place in the number above?

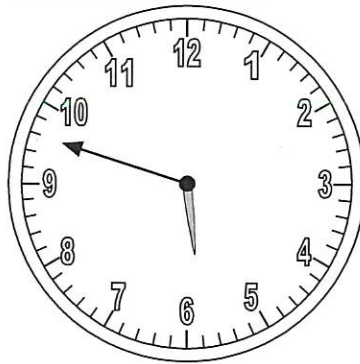
tens units (ones)

Thousands hundreds



What is the weight (in ounces) of the block?

9) What time is shown?



The hour hand is after 5 but not yet at 6. The minute hand is at 48.  
5:48

10) George finished jogging at 5:25. If he had been jogging for 1 hour and 15 minutes, what time was it when he started?

$$\begin{array}{r} 5 \text{ hours} \\ - 1 \text{ hour} \\ \hline 4 \text{ hours} \end{array} \qquad \begin{array}{r} 25 \text{ minutes} \\ - 15 \text{ minutes} \\ \hline 10 \text{ minutes} \end{array}$$

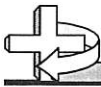
Answers

1. 36 2nd7
2. 852 2nd7
3. 64 3rd7
4. 2 3rd7
5. 40 3rd8
6. 7,900 3rd1
7. 4 3rd2
8. 12 oz 3rd2
9. 5:48 3rd1
10. 4:10 3rd1



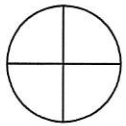
Solve each problem.

$\begin{array}{r} 8 \\ \times 6 \\ \hline 48 \end{array}$	$\begin{array}{r} 10 \\ \times 6 \\ \hline 60 \end{array}$	$\begin{array}{r} 6 \\ \times 6 \\ \hline 36 \end{array}$	$\begin{array}{r} 7 \\ \times 6 \\ \hline 42 \end{array}$	$\begin{array}{r} 2 \\ \times 6 \\ \hline 12 \end{array}$	$\begin{array}{r} 9 \\ \times 6 \\ \hline 54 \end{array}$	$\begin{array}{r} 3 \\ \times 6 \\ \hline 18 \end{array}$	$\begin{array}{r} 5 \\ \times 6 \\ \hline 30 \end{array}$	$\begin{array}{r} 4 \\ \times 6 \\ \hline 24 \end{array}$	$\begin{array}{r} 1 \\ \times 6 \\ \hline 6 \end{array}$
$\begin{array}{r} 6 \\ \times 5 \\ \hline 30 \end{array}$	$\begin{array}{r} 6 \\ \times 7 \\ \hline 42 \end{array}$	$\begin{array}{r} 6 \\ \times 9 \\ \hline 54 \end{array}$	$\begin{array}{r} 6 \\ \times 4 \\ \hline 24 \end{array}$	$\begin{array}{r} 6 \\ \times 1 \\ \hline 6 \end{array}$	$\begin{array}{r} 6 \\ \times 3 \\ \hline 18 \end{array}$	$\begin{array}{r} 6 \\ \times 2 \\ \hline 12 \end{array}$	$\begin{array}{r} 6 \\ \times 8 \\ \hline 48 \end{array}$	$\begin{array}{r} 6 \\ \times 6 \\ \hline 36 \end{array}$	$\begin{array}{r} 6 \\ \times 10 \\ \hline 60 \end{array}$
$\begin{array}{r} 3 \\ \times 6 \\ \hline 18 \end{array}$	$\begin{array}{r} 5 \\ \times 6 \\ \hline 30 \end{array}$	$\begin{array}{r} 4 \\ \times 6 \\ \hline 24 \end{array}$	$\begin{array}{r} 8 \\ \times 6 \\ \hline 48 \end{array}$	$\begin{array}{r} 2 \\ \times 6 \\ \hline 12 \end{array}$	$\begin{array}{r} 10 \\ \times 6 \\ \hline 60 \end{array}$	$\begin{array}{r} 6 \\ \times 6 \\ \hline 36 \end{array}$	$\begin{array}{r} 9 \\ \times 6 \\ \hline 54 \end{array}$	$\begin{array}{r} 1 \\ \times 6 \\ \hline 6 \end{array}$	$\begin{array}{r} 7 \\ \times 6 \\ \hline 42 \end{array}$
$\begin{array}{r} 6 \\ \times 5 \\ \hline 30 \end{array}$	$\begin{array}{r} 6 \\ \times 3 \\ \hline 18 \end{array}$	$\begin{array}{r} 6 \\ \times 6 \\ \hline 36 \end{array}$	$\begin{array}{r} 6 \\ \times 10 \\ \hline 60 \end{array}$	$\begin{array}{r} 6 \\ \times 1 \\ \hline 6 \end{array}$	$\begin{array}{r} 6 \\ \times 8 \\ \hline 48 \end{array}$	$\begin{array}{r} 6 \\ \times 9 \\ \hline 54 \end{array}$	$\begin{array}{r} 6 \\ \times 7 \\ \hline 42 \end{array}$	$\begin{array}{r} 6 \\ \times 2 \\ \hline 12 \end{array}$	$\begin{array}{r} 6 \\ \times 4 \\ \hline 24 \end{array}$
$\begin{array}{r} 3 \\ \times 6 \\ \hline 18 \end{array}$	$\begin{array}{r} 10 \\ \times 6 \\ \hline 60 \end{array}$	$\begin{array}{r} 8 \\ \times 6 \\ \hline 48 \end{array}$	$\begin{array}{r} 4 \\ \times 6 \\ \hline 24 \end{array}$	$\begin{array}{r} 6 \\ \times 6 \\ \hline 36 \end{array}$	$\begin{array}{r} 7 \\ \times 6 \\ \hline 42 \end{array}$	$\begin{array}{r} 9 \\ \times 6 \\ \hline 54 \end{array}$	$\begin{array}{r} 5 \\ \times 6 \\ \hline 30 \end{array}$	$\begin{array}{r} 1 \\ \times 6 \\ \hline 6 \end{array}$	$\begin{array}{r} 2 \\ \times 6 \\ \hline 12 \end{array}$

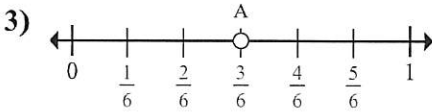


Tuesday

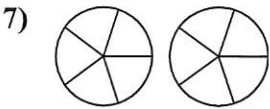
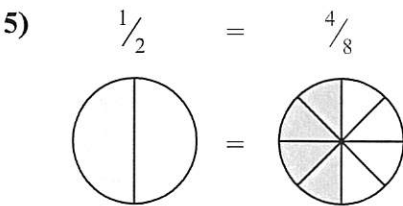
- 1) Write the shaded amount as a fraction of the whole.



$\frac{2 \text{ shaded}}{4 \text{ total}}$

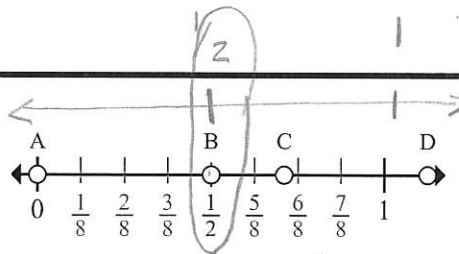
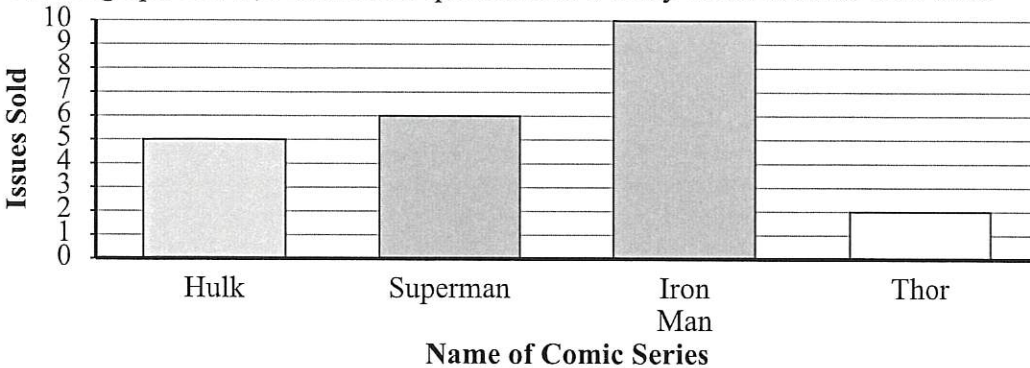


What is the location of A (written as a fraction)?



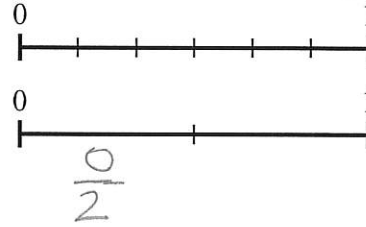
- A.  $\frac{5}{3} > \frac{5}{1}$     B.  $\frac{3}{5} < \frac{1}{5}$   
 C.  $\frac{2}{3} < \frac{4}{1}$     D.  $\frac{3}{5} > \frac{1}{5}$

- 8) Use the graph below to answer the question: How many issues of Hulk were sold?



Which letter best shows  $\frac{4}{8}$ ?  
 $\frac{4}{8} = \frac{1}{2}$

- 4) Using the number lines shown, what is the equivalent fraction to  $\frac{0}{6}$ ?



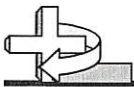
- 6) Write 10 as a fraction with 5 in the denominator.

See next page

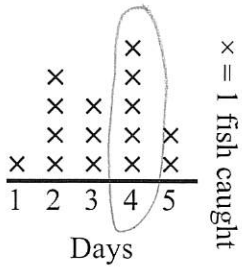
On the number line you have moved forward 0 out of 2 - so  $\frac{0}{2}$ .

Answers

- |     |                |       |
|-----|----------------|-------|
| 1.  | $\frac{2}{4}$  | 3nf1  |
| 2.  | <b>B</b>       | 3nf2a |
| 3.  | $\frac{3}{6}$  | 3nf2b |
| 4.  | $\frac{0}{2}$  | 3nf3a |
| 5.  | $\frac{4}{8}$  | 3nf3b |
| 6.  | $\frac{50}{5}$ | 3nf3c |
| 7.  | <b>D</b>       | 3nf3d |
| 8.  | <b>5</b>       | 3md3  |
| 9.  | <b>day 4</b>   | 3md4  |
| 10. | <b>D</b>       | 3md2  |



9)



What day were the greatest number of fish caught?

10)



- Paint in a can
- A. 20 Milliliters
  - B. 400 Milliliters
  - C. 1 Liter
  - D. 3.75 Liters

1 milliliter = 20 tear drops

400 milliliters = 1 small soda

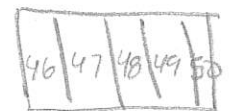
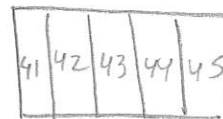
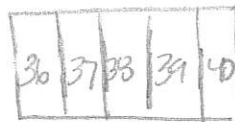
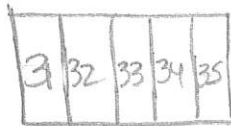
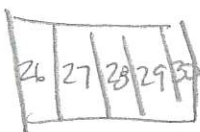
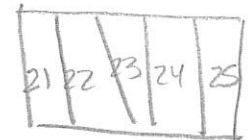
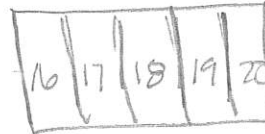
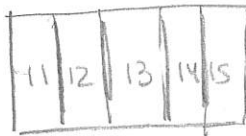
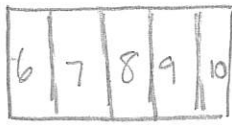
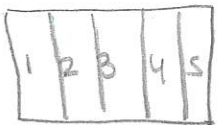
1 Liter = 1000 milliliters = a hydroflask

3.75 Liters = 1 Gallon jug of milk

#6 help

Each cake has 5 pieces

$\frac{1}{5}$



If you have 10 cakes you have 50 pieces.

Each piece =  $\frac{1}{5}$  so 50 pieces =  $\frac{50}{5}$



$$105 = 90 + 15$$

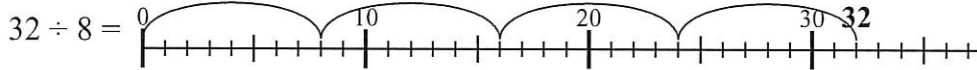
Wednesday

1) 
$$\begin{array}{r} 570 \\ +221 \\ \hline 791 \end{array}$$

2) 
$$\begin{array}{r} 91 \\ 105 \\ - 17 \\ \hline 88 \end{array}$$

3) If  $4 \times 8 = 32$ ,  
then  $40 \times 8 = \underline{320}$

4) Use the numberline to solve.



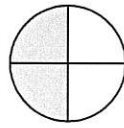
5) 

	x				
	x	x			
	x	x		x	
x	x	x		x	
x	x	x	x	x	
1	2	3	4	5	
Days					

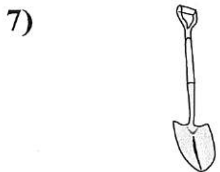
x = 1 fish caught

How many days were more than 4 fish caught?

6) Write the shaded amount as a fraction of the whole.



$\frac{2 \text{ shaded}}{4 \text{ total}}$



Shovel

- A. 1 gram
- B. 5 kilograms
- C. 30 kilograms
- D. 10 grams

8) Find the rule the function machine is using.

In	18	22	31	34	52
Out	11	15	24	27	45

A. Add 9  
B. Subtract 7  
C. Subtract 4  
D. Subtract 9

$18 - 7 = 11$   
 $22 - 7 = 15$   
 $31 - 7 = 24$   
 $34 - 7 = 27$   
 $52 - 7 = 45$

9) 
$$\begin{array}{r} 8 \\ \times 1 \\ \hline 8 \end{array}$$

10) 
$$\begin{array}{r} 7 \\ \times 2 \\ \hline 14 \end{array}$$

1 gram = A piece of paper  
10 grams = A Quarter Pounder  
5 kilograms = A bag of ice  
30 kilograms = A fat cat

Answers

- 1. 791 2nb17
- 2. 88 3oa1
- 3. 320 3oa1
- 4. 4 3oa1
- 5. 1 3md4
- 6.  $\frac{2}{4}$  3n11
- 7. B 3md2, 3oa9
- 8. B 3oa9
- 9. 8
- 10. 14



Thursday

- 1) At the bank, a customer turned in 516 dimes, 554 nickels and 662 quarters. What is the total number of coins the customer turned in?

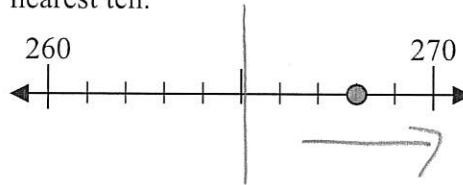
$$516 + 554 + 662$$

- 2) Find the value of N.

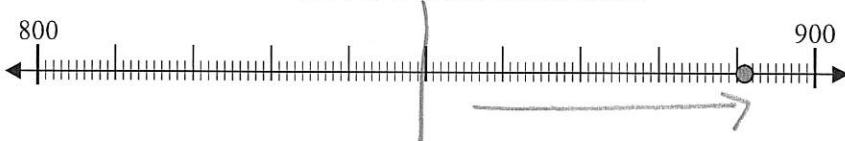
$$365 + N = 957$$

$$\begin{array}{r} 8 \\ - 957 \\ - 365 \\ \hline 592 \end{array}$$

- 3) Use the numberline to round 268 to the nearest ten.



- 4) Use the numberline to round 891 to the nearest 100.



- 5) Round 334 to the nearest ten.

334 is between 300 + 400  
34 < 50 so round down to 300.

- 6) A store had 76 boxes of Christmas lights with 93 lights in each box. Which expression shows about how many lights there were total?

- A.  $70 \times 90$       B.  $70 \times 100$       C.  $80 \times 90$       D.  $80 \times 100$

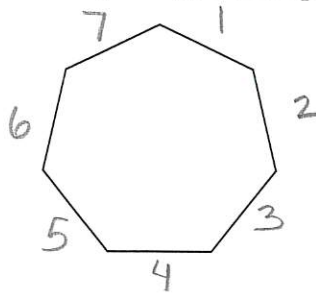
$$76 \approx 80 \quad 93 \approx 90$$

- 7)  $5 \times 20 =$  100

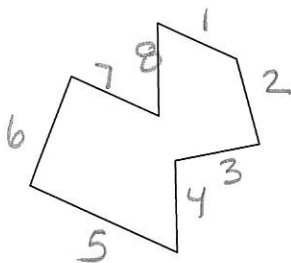
$$5 \times 2 = 10$$

$$5 \times 20 = 100$$

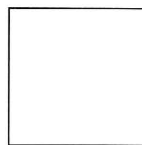
- 8) Identify the type of shape shown.



- 9) Identify the type of shape shown.



- 10) Is the shape shown regular or irregular?



All sides and angles are equal.

Answers

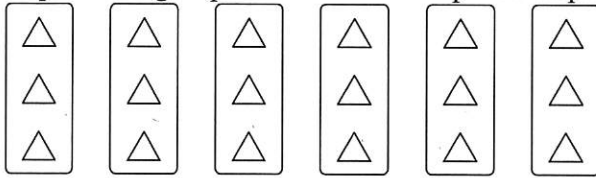
1.	1,732	3nb12
2.	592	3nb12
3.	270	3nb11
4.	900	3nb11
5.	330	3nb11
6.	C	3nb11
7.	100	3nb13
8.	heptagon	3e1
9.	octagon	3e1
10.	regular	3e1





Friday

1) Express the groups shown as a multiplication problem with answer.

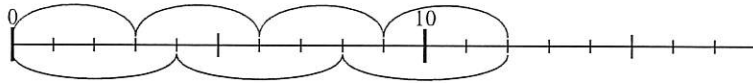


$3 \times 6 = 18$

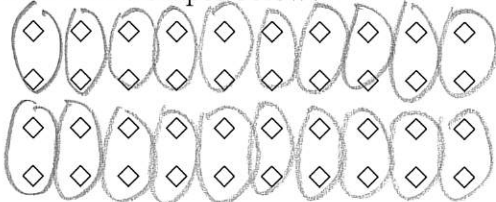
2) Use the numberline to solve:

$4 \times 3 =$

$3 \times 4 =$

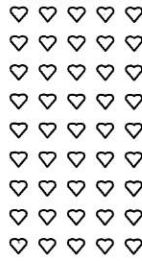


3) How many groups of 2 can you make with the 40 shapes below?



$2 \times 20 = 40$

4) Rewrite as a multiplication problem with answer.

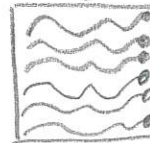
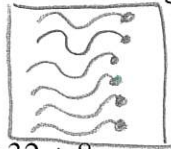


9 rows of 5 hearts

$9 \times 5 = 45$

5) A pet store had two cages of snakes with six snakes in each cage. How many snakes did the pet store have total?

$2 \times 6 = 12$



6) Fill in the missing fact from the fact family.

$36 \div 4 = 9$

$4 \times 9 = 36$

$36 \div 9 = 4$

?

7)  $? = 32 \div 8$

$4 \times 8 = 32$

8) Find a number that fills in both blanks.

$18 \div 9 =$   
 $\underline{\quad} \times 9 = 18$

9)  $40 \div 4 =$  10

$? \times 9 = 18$

10) Emily's dad was taking everyone out to eat for her birthday. He paid eighteen dollars for everyone. If each meal cost nine bucks, how many people went?

Answers

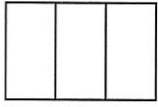
- 1.  $6 \times 3 = 18$  30a1
- 2.  $12$  30a1
- 3.  $20$  30a2
- 4.  $9 \times 5 = 45$  30a3
- 5.  $12$  30a3
- 6.  $9 \times 4 = 36$  30a4
- 7.  $4$  30a4
- 8.  $2$  30a6
- 9.  $10$  30a7
- 10.  $2$  30a8



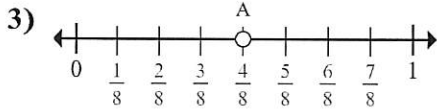


Monday

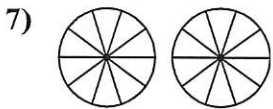
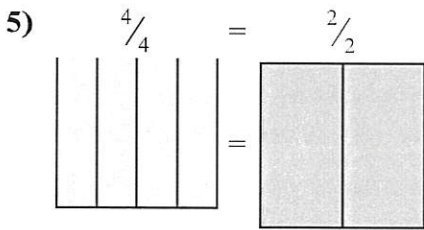
- 1) Write the shaded amount as a fraction of the whole.



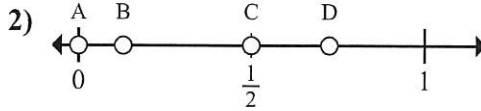
2 shaded  
3 parts



What is the location of A (written as a fraction)?

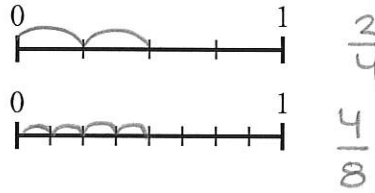


- A.  $\frac{7}{10} < \frac{9}{10}$     B.  $\frac{7}{3} > \frac{9}{1}$   
 C.  $\frac{3}{7} > \frac{1}{9}$     D.  $\frac{3}{7} < \frac{1}{9}$



Which letter best shows  $\frac{1}{2}$ ?

- 4) Using the number lines shown, what is the equivalent fraction to  $\frac{2}{4}$ ?



- 6) Write 3 as a fraction with 5 in the denominator.

Each basketball team has 5 players.  
 A player is  $\frac{1}{5}$  of a team.

$$\begin{array}{r} \text{Team 1} = \frac{5}{5} \\ + \\ \text{Team 2} = \frac{5}{5} \\ + \\ \text{Team 3} = \frac{5}{5} \end{array}$$

15 players on 3 teams

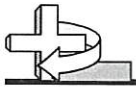
Answers

- |     |                |       |
|-----|----------------|-------|
| 1.  | $\frac{2}{3}$  | 3nf1  |
| 2.  | C              | 3nf2a |
| 3.  | $\frac{4}{8}$  | 3nf2b |
| 4.  | $\frac{4}{8}$  | 3nf3a |
| 5.  | $\frac{2}{2}$  | 3nf3b |
| 6.  | $\frac{15}{5}$ | 3nf3c |
| 7.  | A              | 3nf3d |
| 8.  | 11             | 3md3  |
| 9.  | 3              | 3md4  |
| 10. | D              | 3md2  |

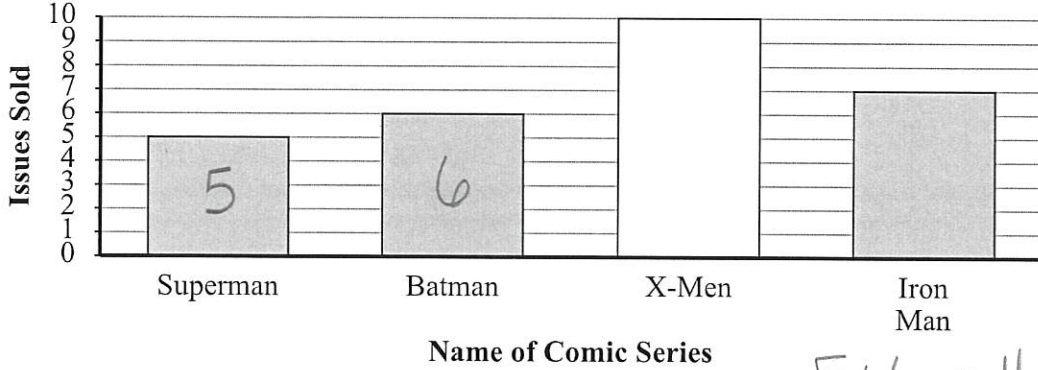


Solve each problem.

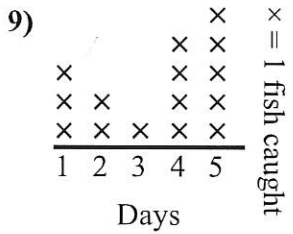
$\begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array}$	$\begin{array}{r} 8 \\ \times 7 \\ \hline 56 \end{array}$	$\begin{array}{r} 5 \\ \times 7 \\ \hline 35 \end{array}$	$\begin{array}{r} 6 \\ \times 7 \\ \hline 42 \end{array}$	$\begin{array}{r} 2 \\ \times 7 \\ \hline 14 \end{array}$	$\begin{array}{r} 7 \\ \times 7 \\ \hline 49 \end{array}$	$\begin{array}{r} 10 \\ \times 7 \\ \hline 70 \end{array}$	$\begin{array}{r} 4 \\ \times 7 \\ \hline 28 \end{array}$	$\begin{array}{r} 1 \\ \times 7 \\ \hline 7 \end{array}$	$\begin{array}{r} 3 \\ \times 7 \\ \hline 21 \end{array}$
$\begin{array}{r} 7 \\ \times 3 \\ \hline 21 \end{array}$	$\begin{array}{r} 7 \\ \times 6 \\ \hline 42 \end{array}$	$\begin{array}{r} 7 \\ \times 2 \\ \hline 14 \end{array}$	$\begin{array}{r} 7 \\ \times 7 \\ \hline 49 \end{array}$	$\begin{array}{r} 7 \\ \times 9 \\ \hline 63 \end{array}$	$\begin{array}{r} 7 \\ \times 8 \\ \hline 56 \end{array}$	$\begin{array}{r} 7 \\ \times 10 \\ \hline 70 \end{array}$	$\begin{array}{r} 7 \\ \times 4 \\ \hline 28 \end{array}$	$\begin{array}{r} 7 \\ \times 1 \\ \hline 7 \end{array}$	$\begin{array}{r} 7 \\ \times 5 \\ \hline 35 \end{array}$
$\begin{array}{r} 6 \\ \times 7 \\ \hline 42 \end{array}$	$\begin{array}{r} 1 \\ \times 7 \\ \hline 7 \end{array}$	$\begin{array}{r} 10 \\ \times 7 \\ \hline 70 \end{array}$	$\begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array}$	$\begin{array}{r} 4 \\ \times 7 \\ \hline 28 \end{array}$	$\begin{array}{r} 2 \\ \times 7 \\ \hline 14 \end{array}$	$\begin{array}{r} 7 \\ \times 7 \\ \hline 49 \end{array}$	$\begin{array}{r} 5 \\ \times 7 \\ \hline 35 \end{array}$	$\begin{array}{r} 8 \\ \times 7 \\ \hline 56 \end{array}$	$\begin{array}{r} 3 \\ \times 7 \\ \hline 21 \end{array}$
$\begin{array}{r} 7 \\ \times 2 \\ \hline 14 \end{array}$	$\begin{array}{r} 7 \\ \times 3 \\ \hline 21 \end{array}$	$\begin{array}{r} 7 \\ \times 7 \\ \hline 49 \end{array}$	$\begin{array}{r} 7 \\ \times 1 \\ \hline 7 \end{array}$	$\begin{array}{r} 7 \\ \times 4 \\ \hline 28 \end{array}$	$\begin{array}{r} 7 \\ \times 10 \\ \hline 70 \end{array}$	$\begin{array}{r} 7 \\ \times 8 \\ \hline 56 \end{array}$	$\begin{array}{r} 7 \\ \times 6 \\ \hline 42 \end{array}$	$\begin{array}{r} 7 \\ \times 5 \\ \hline 35 \end{array}$	$\begin{array}{r} 7 \\ \times 9 \\ \hline 63 \end{array}$
$\begin{array}{r} 10 \\ \times 7 \\ \hline 70 \end{array}$	$\begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array}$	$\begin{array}{r} 3 \\ \times 7 \\ \hline 21 \end{array}$	$\begin{array}{r} 8 \\ \times 7 \\ \hline 56 \end{array}$	$\begin{array}{r} 4 \\ \times 7 \\ \hline 28 \end{array}$	$\begin{array}{r} 2 \\ \times 7 \\ \hline 14 \end{array}$	$\begin{array}{r} 1 \\ \times 7 \\ \hline 7 \end{array}$	$\begin{array}{r} 6 \\ \times 7 \\ \hline 42 \end{array}$	$\begin{array}{r} 7 \\ \times 7 \\ \hline 49 \end{array}$	$\begin{array}{r} 5 \\ \times 7 \\ \hline 35 \end{array}$



8) Use the graph below to answer the question: What is the combined number of Superman and Batman issues sold?



5 + 6 = 11



How many fish were caught on day 1?



Water for a house plant

A. 3 liters

B. 2 milliliters

C. 80 liters

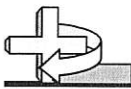
D. 500 milliliters

2 milliliters = 1 sip

500 milliliters = water bottle

3 liters = 2 Big Gulps

80 liters = Water in a bath tub



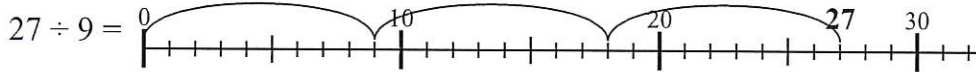
**Tuesday**

1) 
$$\begin{array}{r} 460 \\ +179 \\ \hline 639 \end{array}$$

2) 
$$\begin{array}{r} 7\overset{61}{\cancel{7}}1 \\ - \quad 2 \\ \hline 769 \end{array}$$

3) If  $1 \times 2 = 2$ ,  
then  $10 \times 2 = \underline{20}$

4) Use the numberline to solve.



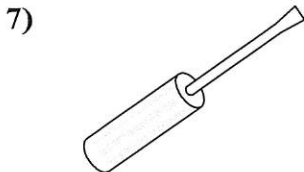
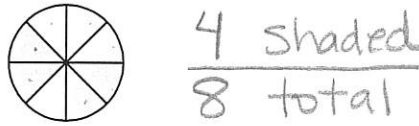
5) 

	x				
x	x				
x	x	x			
x	x	x	x		
x	x	x	x	x	
1	2	3	4	5	

  
 Days x = 1 fish caught

What day were the least number of fish caught?

6) Write the shaded amount as a fraction of the whole.



Screw Driver

- A. 10 grams
- B. 13 kilograms
- C. 1 gram
- D. 45 grams

8) Find the rule the function machine is using.

<b>In</b>	19	24	48	51	55
<b>Out</b>	10	15	39	42	46

- A. Add 10
- B. Subtract 7
- C. Subtract 9
- D. Add 9

9) 
$$\begin{array}{r} 8 \\ \times 8 \\ \hline 64 \end{array}$$

10) 
$$\begin{array}{r} 7 \\ \times 7 \\ \hline 49 \end{array}$$

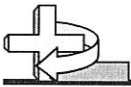
1 gram = 1 piece of paper  
 10 grams = 3 ketchup packets

45 grams = an iPhone 8

13 kilograms = 13,000 grams =  
 A big bag of dog food

Answers

- 1. 639 2nb17
- 2. 769 3oa1
- 3. 20 3oa1
- 4. 3 3oa1
- 5. day 5 3md4
- 6.  $\frac{4}{8}$  3nf1
- 7. D 3md2, 3oa9
- 8. C 3oa9
- 9. 64
- 10. 49



Wednesday

- 1) For lunch, 511 students selected chocolate milk, 268 selected strawberry milk and 544 selected regular milk. How many milks were taken total?

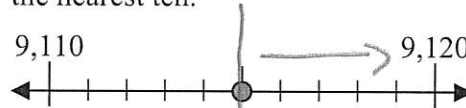
$$511 + 268 + 544$$

- 2) Find the value of J.

$$J = 651 + 225$$

$$\begin{array}{r} 651 \\ + 225 \\ \hline 876 \end{array}$$

- 3) Use the numberline to round 9,115 to the nearest ten.



If the number is halfway round up

- 4) Use the numberline to round 725 to the nearest 100.



- 5) Round 34,245 to the nearest hundred. 34,245 is between 34,200 and 34,300. Since 45 < 50 round down to 34,200

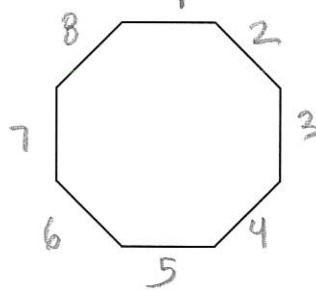
- 6) An industrial machine can make 65 shirts every minute. Which expression shows about how many shirts would it have made in 28 minutes?

- A.  $70 \times 20$       B.  $60 \times 20$       C.  $60 \times 30$       D.  $70 \times 30$

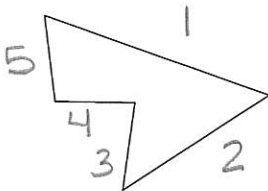
$$65 \approx 70 \quad 28 \approx 30$$

- 7)  $60 \times 2 =$  120

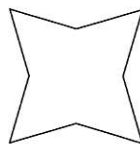
- 8) Identify the type of shape shown.



- 9) Identify the type of shape shown.



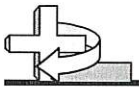
- 10) Is the shape shown regular or irregular?



The sides are equal BUT the angles are not.

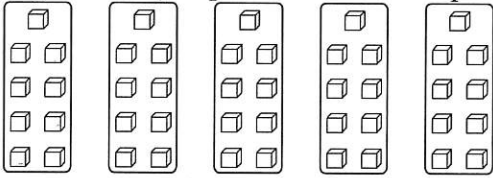
Answers

- |     |                  |       |
|-----|------------------|-------|
| 1.  | <u>1,323</u>     | 3nb12 |
| 2.  | <u>876</u>       | 3nb12 |
| 3.  | <u>9,120</u>     | 3nb1  |
| 4.  | <u>700</u>       | 3nb1  |
| 5.  | <u>34,200</u>    | 3nb1  |
| 6.  | <u>D</u>         | 3nb1  |
| 7.  | <u>120</u>       | 3nb13 |
| 8.  | <u>octagon</u>   | 3e1   |
| 9.  | <u>pentagon</u>  | 3e1   |
| 10. | <u>irregular</u> | 3e1   |



Thursday

1) Express the groups shown as a multiplication problem with answer.

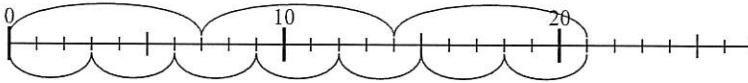


9 x 5 = 45

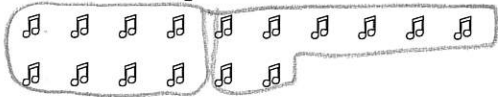
2) Use the numberline to solve:

3 x 7 =

7 x 3 =



3) How many groups of 8 can you make with the 16 shapes below?



4) Rewrite as a multiplication problem with answer.

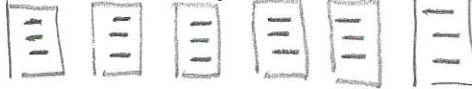


3 rows of 2 bolts

3 x 2 = 6

5) Bianca was buying hand towels for her house. She bought nine packs with each pack having three towels in it. How many towels did she buy?

9 x 3 = 27



6) Fill in the missing fact from the fact family.

10 x 9 = 90

90 ÷ 9 = 10

9 x 10 = 90

?

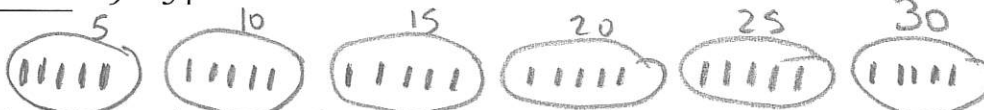
7) 64 ÷ 8 = ?



Count the dots to skip count by 8

8) Find a number that fills in both blanks.

54 ÷ 9 =       
     x 9 = 54



9) 6 ÷ 3 =     

10) For the new school year Bianca's mom bought forty glue sticks. If each class needs five glue sticks, how many classes does Bianca have?



Answers

1.	5 x 9 = 45	30a1
2.	21	30a1
3.	2	30a2
4.	3 x 2 = 6	30a3
5.	27	30a3
6.	90 ÷ 10 = 9	30a4
7.	8	30a4
8.	6	30a6
9.	2	30a7
10.	8	30a8



0  
8 > 1  
16 > 2  
24 > 3  
32 > 4  
40 > 5  
48 > 6  
56 > 7  
64 > 8

## Regrouping with time problems.

$$\boxed{1 \text{ hour} = 60 \text{ minutes}}$$

Sometimes in a time subtraction problem the minutes on the bottom are bigger than the minutes on the top.

$$\begin{array}{r} 5 \text{ hours} \qquad 10 \text{ minutes} \\ - 2 \text{ hours} \qquad 50 \text{ minutes} \\ \hline \end{array}$$

We can't do the problem  $10 - 50$ . We need to change one hour into 60 minutes and add them to the minutes column.

$$\begin{array}{r} 5 \text{ hours} = 4 \text{ hours} + 60 \text{ minutes} \\ + \qquad \qquad \qquad 10 \text{ minutes} \\ \qquad \qquad \qquad \qquad \qquad \qquad \text{(original)} \\ \hline \end{array}$$

Now we can subtract.  $\rightarrow$

$$\begin{array}{r} 4 \text{ hours} + 70 \text{ minutes} \\ - 2 \text{ hours} + 50 \text{ minutes} \\ \hline 2 \quad : \quad 20 \end{array}$$





Friday

$$\begin{array}{r} 1) \quad 9 \\ \times 7 \\ \hline 63 \end{array}$$

$$\begin{array}{r} 2) \quad 928 \\ + 24 \\ \hline 952 \end{array}$$

$$\begin{array}{r} 3) \quad 1,022 \\ - \quad 8 \\ \hline 1,014 \end{array}$$

Count the dots and make your multiplication facts

$$1000 + 0 + 10 + 4$$

$$4) \quad 35 \div 7 = \underline{5}$$

7, 14, 21, 28, 35

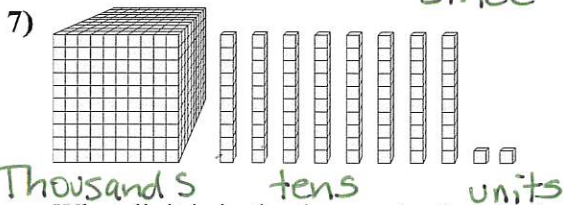
5) Bianca was organizing her book case making sure each of the shelves had exactly 4 books on it. If she had 2 shelves of mystery books and 5 shelves of picture books, how many books did she have total?

Step One: How many shelves?  $2 + 5 = 7$

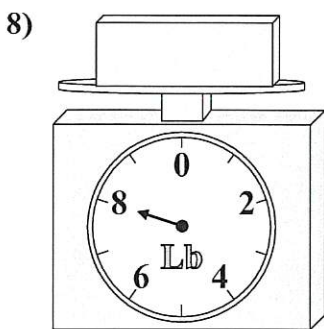
Step Two: How many books?  $7 \times 4 = 28$

6) Round 7,632 to the nearest ten.

7,632 is between 7,630 and 7,640 since  $2 < 5$  round down.



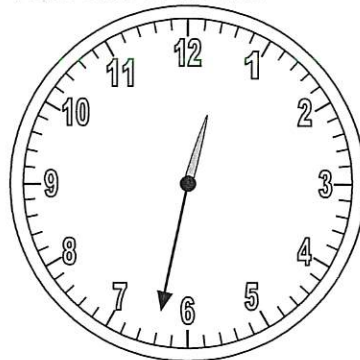
Notice, There are no hundreds. We put a zero in the hundreds place. 1082



If the block shown were 5 pounds lighter, how much would it weigh?

$$8 - 5 = 3$$

9) What time is shown?



The hour hand is after 12 and not yet at 1. The minute hand is at 32.

12:32

10) Bianca spent 2 hours and 50 minutes cleaning her room. If it was 5:10 when she finished, what time was it when she started?

$$\begin{array}{r} - \quad 4 \text{ hours} \quad 70 \text{ minutes} \\ \quad 2 \text{ hours} \quad 50 \text{ minutes} \\ \hline \quad 2 \text{ hours} \quad 20 \text{ minutes} \end{array}$$

Note:  $\begin{array}{r} 4 \text{ } \cancel{5} \text{ } 60 \\ - \quad 2 \quad 50 \\ \hline \end{array}$   
Change one of the hours into 60 minutes

Answers	
1.	63
2.	952
3.	1,014
4.	5
5.	28
6.	7,630
7.	1
8.	3 lb
9.	12:32
10.	2:20



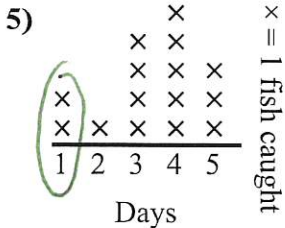
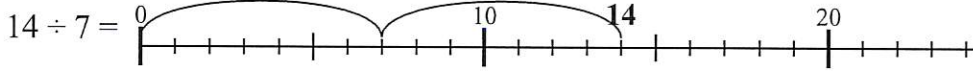
Monday

1) 
$$\begin{array}{r} 564 \\ + 10 \\ \hline 574 \end{array}$$

2) 
$$\begin{array}{r} 53 \\ - 21 \\ \hline 32 \end{array}$$

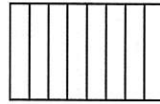
3) If  $8 \times 10 = 80$ ,  
then  $80 \times 10 = \underline{800}$

4) Use the numberline to solve.



How many fish were caught on day 1?

6) Write the shaded amount as a fraction of the whole.



*6 shaded*  
*8 parts*



Lawn Mower

- A. 22 kilograms    B. 200 grams  
C. 100 kilograms    D. 500 grams

8) Find the rule the function machine is using.

In	12	27	30	34	49
Out	26	41	44	48	63

- A. Add 12  
B. Add 14  
C. Subtract 17  
D. Add 17

*12 + 14 = 26*  
*27 + 14 = 41*  
*30 + 14 = 44*  
*etc.*

9) 
$$\begin{array}{r} 8 \\ \times 5 \\ \hline 40 \end{array}$$

10) 
$$\begin{array}{r} 8 \\ \times 3 \\ \hline 24 \end{array}$$

*Make your 8 multiples*



*8, 16, 24, 32, 40,*

*1 gram = 1 piece of paper*

*1 kilogram = a pineapple*

*A = 22 pineapples*

*B = 200 pieces of paper*

*C = 100 pineapples*

*D = one ream of paper*

Answers

1. 574 2nd7  
 2. 32  
 3. 800 3oa1  
 4. 2 3oa1  
 5. 2 3md4  
 6.  $\frac{6}{8}$  3nf1  
 7. A 3md2  
 8. B 3oa9  
 9. 40  
 10. 24



Solve each problem.

$\begin{array}{r} 3 \\ \times 8 \\ \hline 24 \end{array}$	$\begin{array}{r} 1 \\ \times 8 \\ \hline 8 \end{array}$	$\begin{array}{r} 8 \\ \times 8 \\ \hline 64 \end{array}$	$\begin{array}{r} 10 \\ \times 8 \\ \hline 80 \end{array}$	$\begin{array}{r} 9 \\ \times 8 \\ \hline 72 \end{array}$	$\begin{array}{r} 5 \\ \times 8 \\ \hline 40 \end{array}$	$\begin{array}{r} 7 \\ \times 8 \\ \hline 56 \end{array}$	$\begin{array}{r} 4 \\ \times 8 \\ \hline 32 \end{array}$	$\begin{array}{r} 6 \\ \times 8 \\ \hline 48 \end{array}$	$\begin{array}{r} 2 \\ \times 8 \\ \hline 16 \end{array}$
$\begin{array}{r} 8 \\ \times 7 \\ \hline 56 \end{array}$	$\begin{array}{r} 8 \\ \times 4 \\ \hline 32 \end{array}$	$\begin{array}{r} 8 \\ \times 1 \\ \hline 8 \end{array}$	$\begin{array}{r} 8 \\ \times 9 \\ \hline 72 \end{array}$	$\begin{array}{r} 8 \\ \times 2 \\ \hline 16 \end{array}$	$\begin{array}{r} 8 \\ \times 5 \\ \hline 40 \end{array}$	$\begin{array}{r} 8 \\ \times 3 \\ \hline 24 \end{array}$	$\begin{array}{r} 8 \\ \times 10 \\ \hline 80 \end{array}$	$\begin{array}{r} 8 \\ \times 6 \\ \hline 48 \end{array}$	$\begin{array}{r} 8 \\ \times 8 \\ \hline 64 \end{array}$
$\begin{array}{r} 3 \\ \times 8 \\ \hline 24 \end{array}$	$\begin{array}{r} 7 \\ \times 8 \\ \hline 56 \end{array}$	$\begin{array}{r} 6 \\ \times 8 \\ \hline 48 \end{array}$	$\begin{array}{r} 5 \\ \times 8 \\ \hline 40 \end{array}$	$\begin{array}{r} 4 \\ \times 8 \\ \hline 32 \end{array}$	$\begin{array}{r} 10 \\ \times 8 \\ \hline 80 \end{array}$	$\begin{array}{r} 1 \\ \times 8 \\ \hline 8 \end{array}$	$\begin{array}{r} 9 \\ \times 8 \\ \hline 72 \end{array}$	$\begin{array}{r} 8 \\ \times 8 \\ \hline 64 \end{array}$	$\begin{array}{r} 2 \\ \times 8 \\ \hline 16 \end{array}$
$\begin{array}{r} 8 \\ \times 7 \\ \hline 56 \end{array}$	$\begin{array}{r} 8 \\ \times 8 \\ \hline 64 \end{array}$	$\begin{array}{r} 8 \\ \times 10 \\ \hline 80 \end{array}$	$\begin{array}{r} 8 \\ \times 4 \\ \hline 32 \end{array}$	$\begin{array}{r} 8 \\ \times 5 \\ \hline 40 \end{array}$	$\begin{array}{r} 8 \\ \times 9 \\ \hline 72 \end{array}$	$\begin{array}{r} 8 \\ \times 3 \\ \hline 24 \end{array}$	$\begin{array}{r} 8 \\ \times 2 \\ \hline 16 \end{array}$	$\begin{array}{r} 8 \\ \times 1 \\ \hline 8 \end{array}$	$\begin{array}{r} 8 \\ \times 6 \\ \hline 48 \end{array}$
$\begin{array}{r} 4 \\ \times 8 \\ \hline 32 \end{array}$	$\begin{array}{r} 9 \\ \times 8 \\ \hline 72 \end{array}$	$\begin{array}{r} 10 \\ \times 8 \\ \hline 80 \end{array}$	$\begin{array}{r} 7 \\ \times 8 \\ \hline 56 \end{array}$	$\begin{array}{r} 5 \\ \times 8 \\ \hline 40 \end{array}$	$\begin{array}{r} 2 \\ \times 8 \\ \hline 16 \end{array}$	$\begin{array}{r} 1 \\ \times 8 \\ \hline 8 \end{array}$	$\begin{array}{r} 3 \\ \times 8 \\ \hline 24 \end{array}$	$\begin{array}{r} 6 \\ \times 8 \\ \hline 48 \end{array}$	$\begin{array}{r} 8 \\ \times 8 \\ \hline 64 \end{array}$

Tuesday

- 1) In one year a photographer took 848 pictures of animals, 159 pictures of people and 689 pictures of landscapes. How many pictures did he take total?

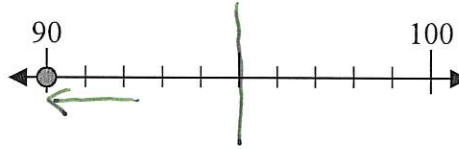
$$848 + 152 + 689$$

- 2) Find the value of A.

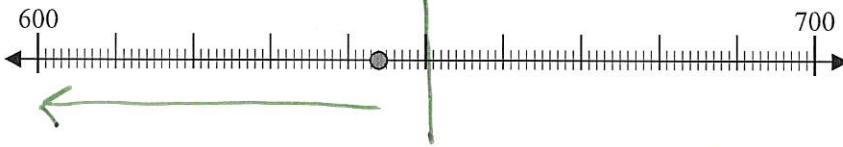
$$197 = A - 187$$

$$\begin{array}{r} 197 \\ + 187 \\ \hline 384 \end{array}$$

- 3) Use the numberline to round 90 to the nearest ten.



- 4) Use the numberline to round 644 to the nearest 100.



- 5) Round 55,675 to the nearest hundred.

55,675 is between 55600 and 55700. Since 75 > 50 round up to 55700

- 6) Tiffany was reading through her favorite book series. Each week she read 82 pages. Which expression shows about how many pages she would have read through after 25 weeks?

- A.  $80 \times 20$       B.  $80 \times 30$       C.  $90 \times 20$       D.  $90 \times 30$

$$82 \approx 80$$

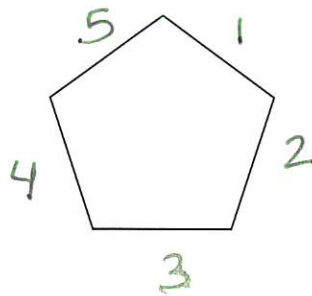
$$25 \approx 30$$

- 7)  $60 \times 8 =$  480

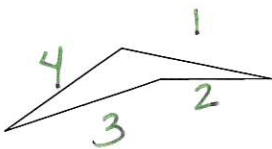
$$6 \times 8 = 48$$

$$60 \times 8 = 480$$

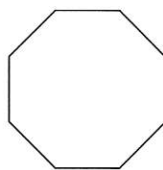
- 8) Identify the type of shape shown.



- 9) Identify the type of shape shown.



- 10) Is the shape shown regular or irregular?



All sides and angles are equal.

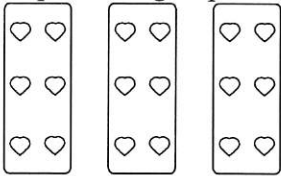
Answers

- |     |                      |       |
|-----|----------------------|-------|
| 1.  | <u>1,696</u>         | 3nbt2 |
| 2.  | <u>384</u>           | 3nbt2 |
| 3.  | <u>90</u>            | 3nbt1 |
| 4.  | <u>600</u>           | 3nbt1 |
| 5.  | <u>55,700</u>        | 3nbt1 |
| 6.  | <u>B</u>             | 3nbt1 |
| 7.  | <u>480</u>           | 3nbt3 |
| 8.  | <u>pentagon</u>      | 3e1   |
| 9.  | <u>quadrilateral</u> | 3e1   |
| 10. | <u>regular</u>       | 3e1   |



Wednesday

1) Express the groups shown as a multiplication problem with answer.

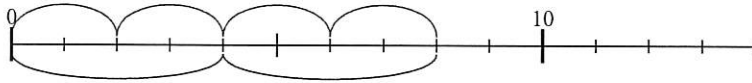


6 x 3 = 18

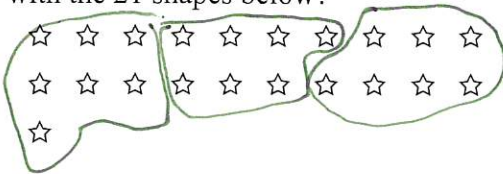
2) Use the numberline to solve:

4 x 2 =

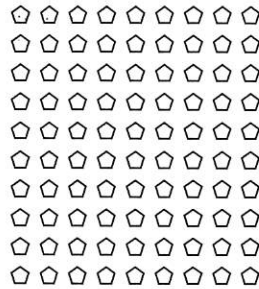
2 x 4 =



3) How many groups of 7 can you make with the 21 shapes below?



4) Rewrite as a multiplication problem with answer.



10 rows  
9 pentagons

10 x 9 = 90

5) Sam was helping his mom wash clothes. They washed eight loads with nine towels in each load. How many towels did they wash total?

Remember "each" means multiply 8 x 9 = 72

6) Fill in the missing fact from the fact family.

10 x 6 = 60

60 ÷ 6 = 10

6 x 10 = 60

?

7) ? ÷ 2 = 7

7 x 2 = 14

so 14 ÷ 2 = 7

8) Find a number that fills in both blanks. 9) 48 ÷ 8 = 6

10 ÷ 5 = \_\_\_\_\_  
\_\_\_\_\_ x 5 = 10



10) Haley uploaded twelve pics to Facebook. If she put the pics into four albums with the same number of photos in each album, how many photos were in each album?

Answers

- 1.  $3 \times 6 = 18$  3oa1
- 2.  $8$  3oa1
- 3.  $3$  3oa2
- 4.  $10 \times 9 = 90$  3oa3
- 5.  $72$  3oa3
- 6.  $60 \div 10 = 6$  3oa4
- 7.  $14$  3oa4
- 8.  $2$  3oa6
- 9.  $6$  3oa7
- 10.  $3$  3oa8

Thursday

1) 
$$\begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array}$$

2) 
$$\begin{array}{r} 949 \\ + 26 \\ \hline 975 \end{array}$$

3) 
$$\begin{array}{r} 975 \\ - 714 \\ \hline 261 \end{array}$$

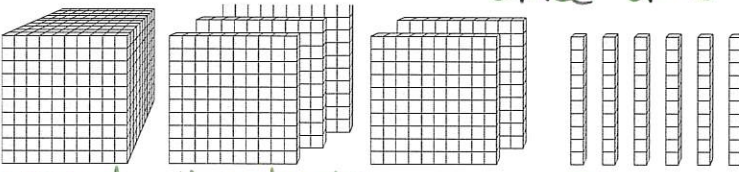
4)  $36 \div 6 = \underline{6}$

5) Gwen was selling her necklaces at a garage sale. She sold 3 bead necklaces and 4 gem stone necklaces. If each necklace cost 3 dollars, how much money did she earn?

Step One: How many necklaces?  $3+4=7$   
 Step Two: How much money?  $7 \times 3 = 21$

6) Round 26,722 to the nearest ten.

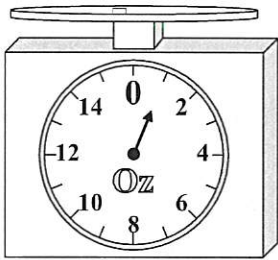
26,722 is between 26,720 and 26,730  
 since  $2 < 5$  Round down

7) 

Thousand    Hundreds    Tens    Unit

What digit is in the thousands place in the number above?

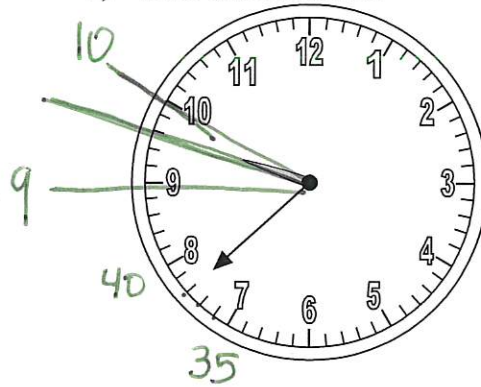
8)



If you have 4 blocks that are the same weight, how many ounces total do the blocks weigh?

One block is 1 oz  
 $1+1+1+1=4$  or  $1 \times 4 = 4 \text{ oz}$

9) What time is shown?



Tip!  
 OZ stands for ounce  
 There are 16 ozs in a pound.

10) Gwen was helping her mom cook dinner. If they finished at 3:10 and had spent 1 hour and 55 minutes cooking, what time did they start?

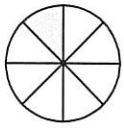
Answers

1. 63 2nb17
2. 975
3. 261 3oa7
4. 6 3oa8
5. 21 3nb11
6. 26,720
7. 1 3md2
8. 4 oz
9. 9:38 3md1
10. 1:15

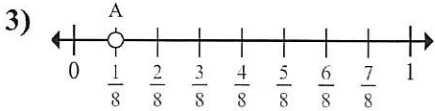


Friday

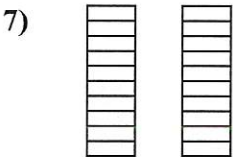
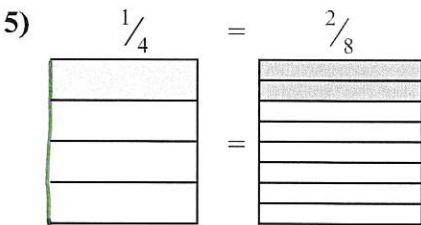
- 1) Write the shaded amount as a fraction of the whole.



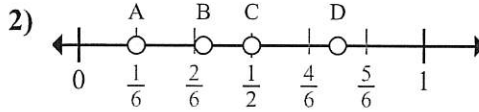
1 shaded  
8 parts



What is the location of A (written as a fraction)?

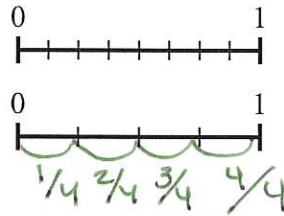


- A.  $\frac{7}{3} > \frac{3}{7}$     B.  $\frac{10}{7} > \frac{10}{3}$   
 C.  $\frac{7}{10} > \frac{3}{10}$     D.  $\frac{7}{3} < \frac{3}{7}$



Which letter best shows  $\frac{1}{6}$ ?

- 4) Using the number lines shown, what is the equivalent fraction to  $\frac{8}{8}$ ?



- 6) Write  $\frac{27}{3}$  as a whole number.

$\frac{3}{3} = 1$  whole

$\frac{6}{3} = 2$

$\frac{9}{3} = 3$

$\frac{12}{3} = 4$

$\frac{15}{3} = 5$

$\frac{18}{3} = 6$

$\frac{21}{3} = 7$

$\frac{24}{3} = 8$

$\frac{27}{3} = 9$

Short cut -

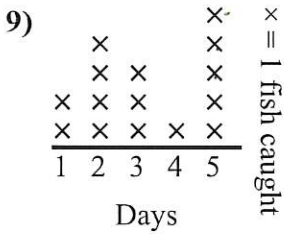
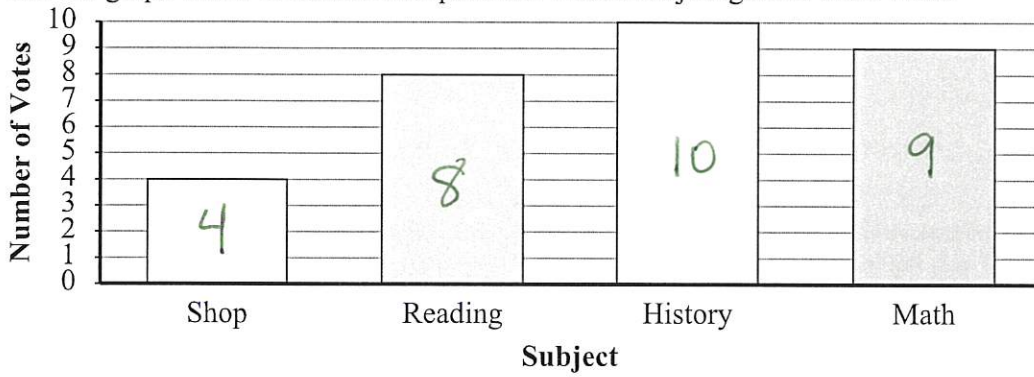
$27 \div 3 = 9$

Answers

1.	$\frac{1}{8}$	3nf1
2.	A	3nf2a
3.	$\frac{1}{8}$	3nf2b
4.	$\frac{4}{4}$	3nf3a
5.	$\frac{2}{8}$	3nf3b
6.	9	3nf3c
7.	C	3nf3d
8.	history	3md3
9.	0	3md4
10.	C	3md2

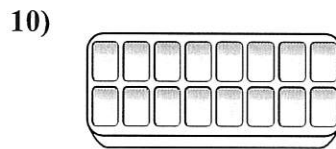


8) Use the graph below to answer the question: Which subject got the most votes?



How many days were more than 6 fish caught?

no days



Water in an ice tray

- A. 2 Liters
- B. 50 Milliliters
- C. 0.5 Liter
- D. 2 Milliliters

1 milliliter is 20 tear drops  
 1 liter is a hydro flask

- So -
- A. 2 Hydroflasks
  - B. 6 ketchup packets
  - C. Half a hydro flask  
(.5 = 1/2)
  - D. 40 tear drops