



Monday

- 1) Sarah was preparing for a marathon. In the morning she jogged 904 meters, in the afternoon she jogged another 271 meters and that night she jogged 443 meters. How many meters did she jog total?

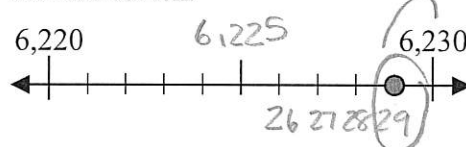
$$\begin{array}{r} 904 \\ + 271 \\ \hline 1175 \end{array} \quad \begin{array}{l} \text{morning} \\ + \text{night} \end{array} = \begin{array}{r} 1175 \\ + 443 \\ \hline 1,618 \end{array}$$

- 2) Find the value of P.
 $687 + P = 960$

rewrite 960 as $960 - 687 = P$

$$\begin{array}{r} 960 \\ - 687 \\ \hline 273 \end{array}$$

- 3) Use the numberline to round 6,229 to the nearest ten.



The dot is closer to 6,230.

- 4) Use the numberline to round 665 to the nearest 100.



- 5) Round 338 to the nearest hundred.
to 300.

$38 < 50$ so round down

- 6) Sarah was reading a book with 84 chapters. If each chapter was 56 pages, which expression shows about the length of the book?

A. 90×50 B. 80×50 C. 80×60 D. 90×60

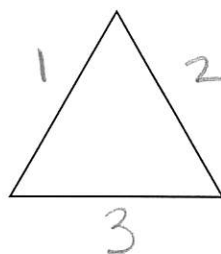
"Each" is a word that tells us to multiply
 $84 \approx 80$ $56 \approx 60$

- 7) $4 \times 80 = 320$

$4 \times 8 = 32$ so

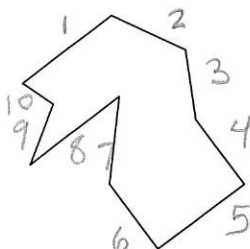
$4 \times 80 = 320$

- 8) Identify the type of shape shown.



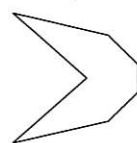
Triangle

- 9) Identify the type of shape shown.



10 sides =
decagon

- 10) Is the shape shown regular or irregular?



In a regular shape all sides and angles are equal. In this shape NOT all the sides are equal.

Answers

1. 1,618

2. 273

3. 6,230

4. 700

5. 300

6. C

7. 320

8. triangle

9. decagon

10. irregular

Help for #2

$960 =$

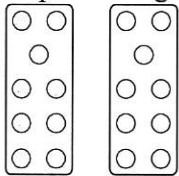
$900 + 60 + 0$
we rewrite it as

$800 + 150 + 10$
so we can subtract.



Tuesday

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

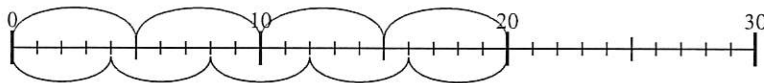


$$9 \times 2 = 18$$

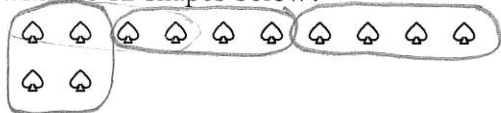
- 2) Use the numberline to solve:

$4 \times 5 =$

$5 \times 4 =$



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



- 4) Rewrite as a multiplication problem with answer.



$$10 \times 2 = 20$$

$$10 \text{ rows of } 2 = 20$$

- 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" problem # 3 Wednesday week 1

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?

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

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	
2	2	

$$\begin{array}{r} 11-9=2 \\ 4-2=2 \end{array}$$

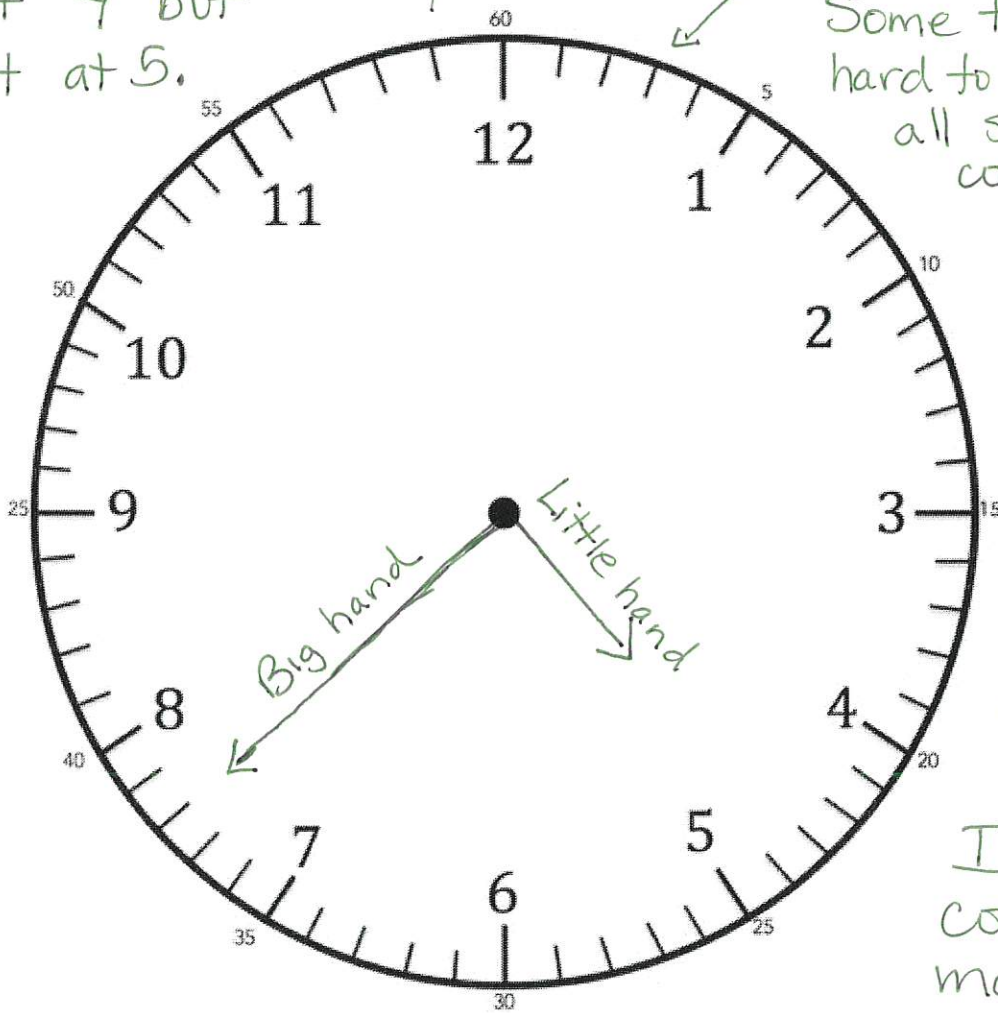
Here is what it looks like if you use the short cut of not rewriting the problem but just "borrowing".

$$\begin{array}{r} 4 \text{ } 51 \\ - 29 \\ \hline 22 \end{array} \quad \text{or} \quad \begin{array}{r} 184 \\ - 26 \\ \hline 168 \end{array}$$

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.



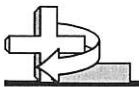
Some times it is hard to count them all so we skip count by 5 until we get close to where the hand is pointing.

If I skip count to 35 then

I can count the markings after

36, 37, 38

4:38



Wednesday

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

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

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

rewrite as

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

4) $50 \div 10 = 5$

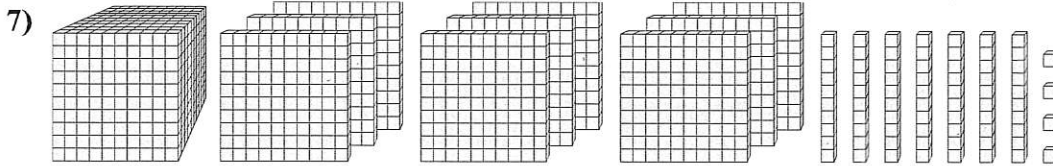
To divide a number by 10, take off the last 0.

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.

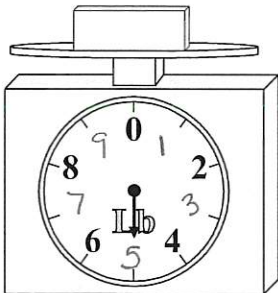


What digit is in the tens place in the number above?

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 3oa8
5. 40 3nbt1
6. 700 3nbt1
7. 7 3md2
8. 5 lb 3md2
9. 4:38 3mdl
10. 2:10 3mdl



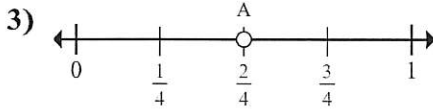
Thursday

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

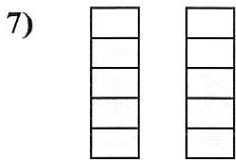
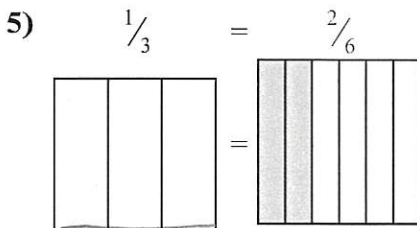


There are 4 parts total, 3 are shaded

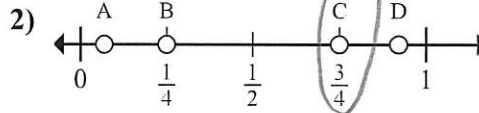
3 out of 4 is $\frac{3}{4}$



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

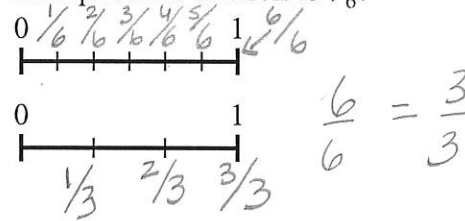


- A. $\frac{4}{5} > \frac{3}{5}$ B. $\frac{5}{4} > \frac{5}{3}$
 C. $\frac{1}{4} < \frac{2}{3}$ D. $\frac{4}{1} < \frac{3}{2}$



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 $\frac{35}{5}$

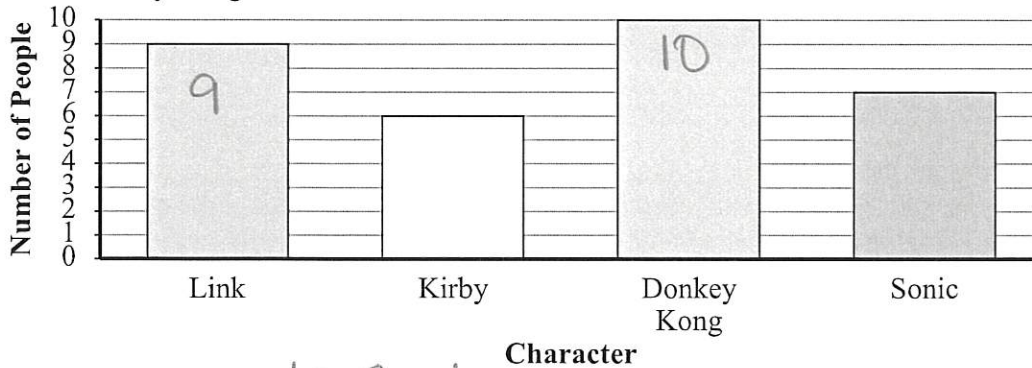
Answers

- | | | |
|-----|----------------|-------|
| 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 |

Shortcut

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

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



$$10 - 9 = 1$$

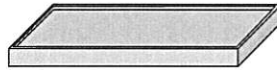
9)

Days	Number of fish caught
1	2
2	2
3	4
4	3
5	1

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 8×9
but you don't remember what 8×9 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

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


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

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

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

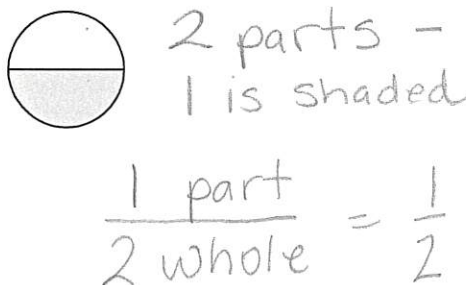
5)

					x
		x			x
		x	x		x
x	x	x			x
x	x	x	x	x	x
<hr/>					
1	2	3	4	5	
Days					

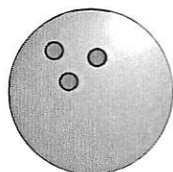
x = 1 fish caught

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.



7)



Bowling Ball

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

8) Find the rule the function machine is using.

In	26	32	51	56	62
Out	12	18	37	42	48

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

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

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

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.

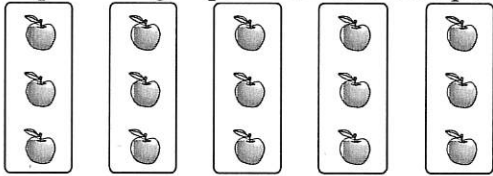
Answers

- | | | |
|-----|---------------------------------|------|
| 1. | <u>944</u> | 3b17 |
| 2. | <u>9,871</u> | 3a01 |
| 3. | <u>50</u> | 3a01 |
| 4. | <u>5</u> | 3md4 |
| 5. | <u>day 5</u> | 3nfl |
| 6. | <u>$\frac{1}{2}$</u> | 3md2 |
| 7. | <u>B</u> | 3a09 |
| 8. | <u>C</u> | |
| 9. | <u>72</u> | |
| 10. | <u>35</u> | |



Monday

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

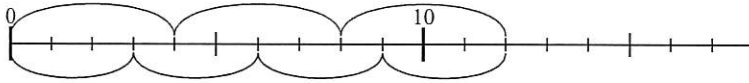


$$3 \times 5 = 15$$

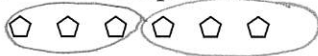
- 2) Use the numberline to solve:

$3 \times 4 =$

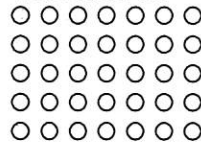
$4 \times 3 =$



- 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.

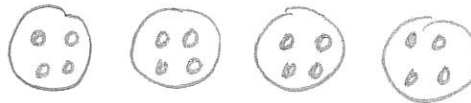
$72 \div 8 = 9$

$8 \times 9 = 72$

$9 \times 8 = 72$

?

- 7)
- $4 \times 4 = ?$



- 8) Find a number that fills in both blanks.

$14 \div 2 = \underline{\quad}$

$\underline{\quad} \times 2 = 14$

- 9)
- $60 \div 10 = \underline{6}$

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. $5 \times 3 = 15$

2. 12

3. 2

4. $5 \times 7 = 35$

5. 12

6. $72 \div 9 = 8$

7. 16

8. 7

9. 6

10. 7

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



Tuesday

1) $9 \times 6 = 54$

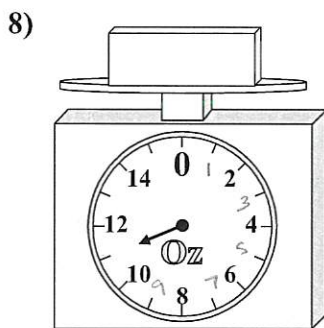
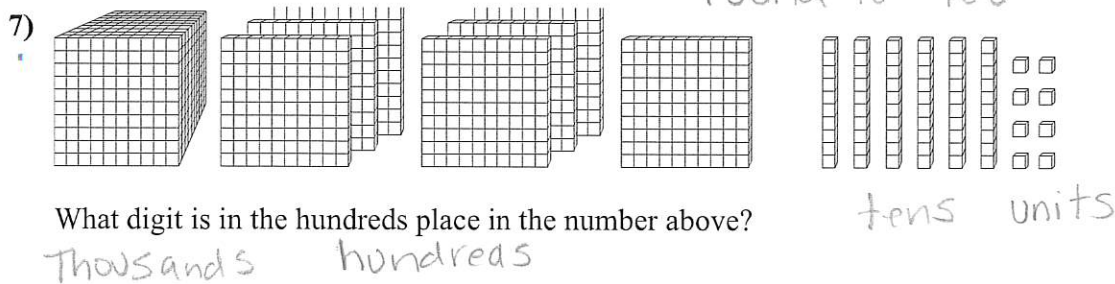
2) $416 + 303 = 719$

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? $6 \times 4 = 24$

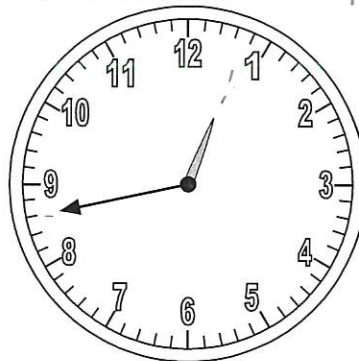
6) Round 386 to the nearest hundred.
 386 is between 300 and 400 - since $86 > 50$ round to 400



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

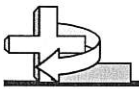
Tip: The minute hand counts the little hash marks not the numbers. A big number comes every 5 minutes.

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
2. 719
3. 238
4. 10
5. 24
6. 400
7. 7
8. 17 oz
9. 12:43
10. 2:20

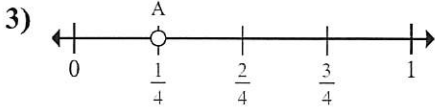


Wednesday

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

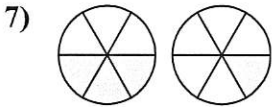
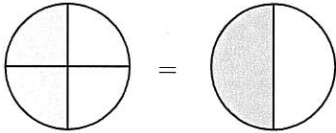


How many shaded 1
How many parts = 6

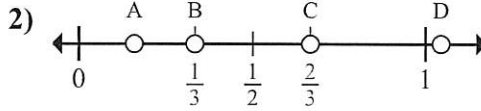


What is the location of A (written as a fraction)?

5) $\frac{2}{4} = \frac{1}{2}$

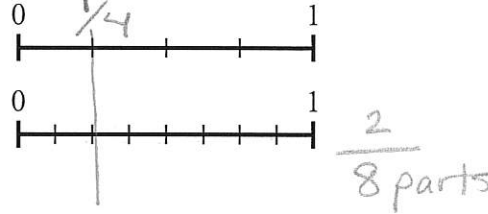


- A. $\frac{3}{6} > \frac{1}{6}$ B. $\frac{3}{3} > \frac{5}{1}$
C. $\frac{3}{3} < \frac{1}{5}$ D. $\frac{3}{3} > \frac{1}{5}$



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

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

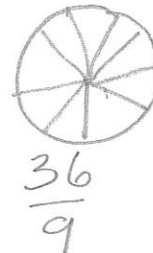


- 6) Write $\frac{45}{9}$ as a whole number.

Lets make pizzas!



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



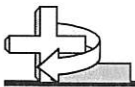
5 pizzas!

Answers

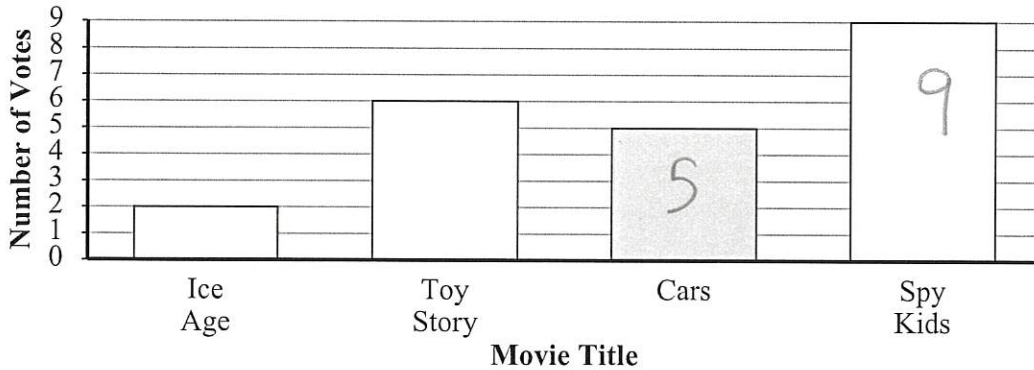
- | | | |
|-----|---------------|-------|
| 1. | $\frac{1}{6}$ | 3nf1 |
| 2. | C | 3nf2a |
| 3. | $\frac{1}{4}$ | 3nf2b |
| 4. | $\frac{2}{8}$ | 3nf3a |
| 5. | $\frac{1}{2}$ | 3nf3b |
| 6. | 5 | 3nf3c |
| 7. | A | 3nf3d |
| 8. | 4 | 3md3 |
| 9. | 0 | 3md4 |
| 10. | B | 3md2 |

Shortcut

$45 \div 9 = 5$

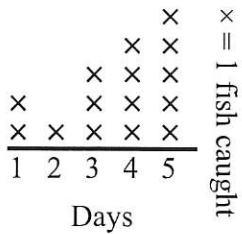


- 8) Use the graph below to answer the question: How many more votes did Spy Kids receive than Cars?



$$9 - 5 = 4$$

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 = 1 tear drop

50 milliliters = 3 ketchup packets

750 milliliters = a disposable water bottle.

3.75 Liters is equal to

3750 milliliters

and One Gallon



$400 + 130 + 7$

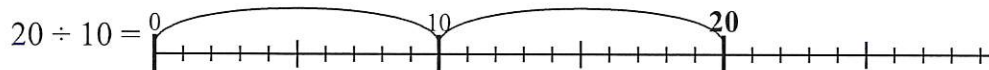
Thursday

$$\begin{array}{r} 1) \quad 405 \\ + 181 \\ \hline 586 \end{array}$$

$$\begin{array}{r} 2) \quad 4 \overline{) 537} \\ \underline{-280} \\ 257 \end{array}$$

3) If $2 \times 2 = 4$,
then $20 \times 2 = 40$

4) Use the numberline to solve.



5)

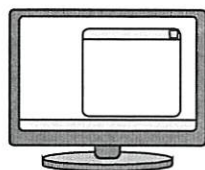
		×		×		×
×		×		×		×
×	×	×	×	×	×	×
×	×	×	×	×	×	×
1	2	3	4	5		

Days

× = 1 fish caught

What day were the greatest number of fish caught?

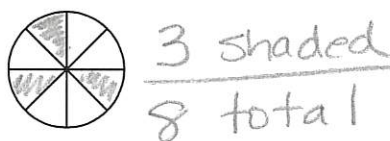
7)



Monitor

- A. 8 grams B. 500 kilograms
C. 8 kilograms D. 500 grams

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



8) Find the rule the function machine is using.

In	20	24	32	35	49
Out	24	28	36	39	53

- A. Add 4
B. Add 1
C. Add 7
D. Subtract 7

$$\begin{array}{l} 20 + 4 = 24 \\ 24 + 4 = 28 \\ 32 + 4 = 36 \\ 35 + 4 = 39 \\ 49 + 4 = 53 \end{array}$$

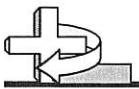
$$\begin{array}{r} 9) \quad 8 \\ \times 7 \\ \hline 56 \end{array}$$

$$\begin{array}{r} 10) \quad 8 \\ \times 5 \\ \hline 40 \end{array}$$

→ gram is a piece of paper
8 grams is a letter
500 grams is a brick
500 kilograms is a horse!

Answers

1. 586 2nb7
2. 257 3oa1
3. 40 3oa1
4. 2 3md4
5. day 3 3nfl
6. $\frac{3}{8}$ 3md2
7. C 3oa9
8. A
9. 56
10. 40



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?

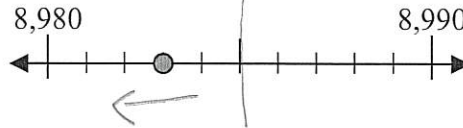
$$547 + 853 + 323$$

- 2) Find the value of Z.

$$826 = 347 + Z$$

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

- 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. 30×100

B. 40×100

C. 30×90

D. 40×90

$$33 \approx 30$$

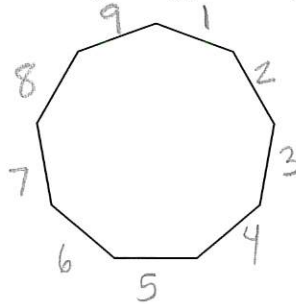
$$98 \approx 100$$

- 7) $40 \times 6 =$ 240

$$4 \times 6 = 24$$

$$40 \times 6 = 240$$

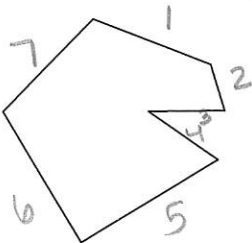
- 8) Identify the type of shape shown.



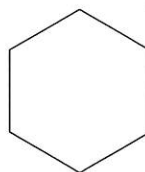
nine sides = nonagon

- 9) Identify the type of shape shown.

Seven sides = heptagon



- 10) Is the shape shown regular or irregular?



All sides and angles are equal.

Answers

1. 1,723

2. 479

3. 8,980

4. 5,700

5. 44,750

6. A

7. 240

8. nonagon

9. heptagon

10. regular



Monday

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

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

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

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

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

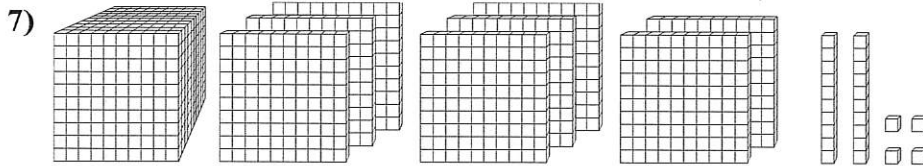
- 5) At George's Restaurant a group with 7 adults and 3 children came in to eat. If each meal cost 4 dollars, how much was the bill?

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.

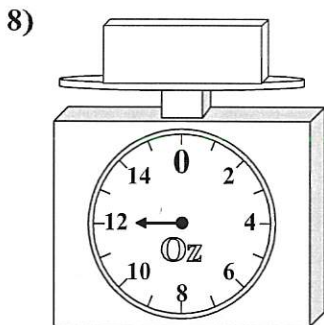
7,874 is between 7,800 and 7,900. Since $74 > 50$ round up to 7,900.



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

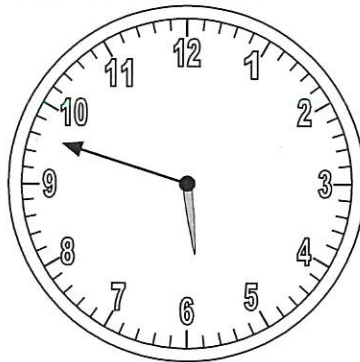
Thousands hundreds

tens units (ones)



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?

$$\begin{array}{r} 5 \text{ hours} \\ - 1 \text{ hour} \\ \hline 4 \text{ hours} \end{array}$$

$$\begin{array}{r} 25 \text{ minutes} \\ - 15 \text{ minutes} \\ \hline 10 \text{ minutes} \end{array}$$

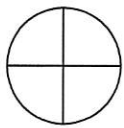
Answers

1. 36 2nbt7
2. 852
3. 64 3oa7
4. 2 3oa8
5. 40 3nbt1
6. 7,900
7. 4 3md2
8. 12 oz
9. 5:48 3mdl
10. 4:10

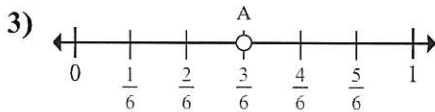


Tuesday

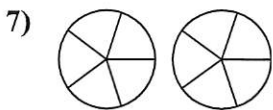
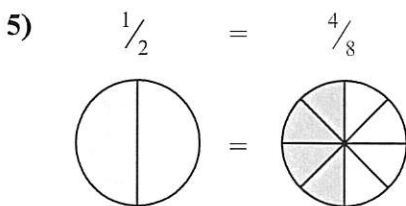
- 1) Write the shaded amount as a fraction of the whole.



2 shaded
4 total

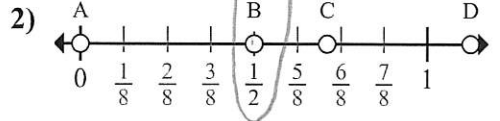
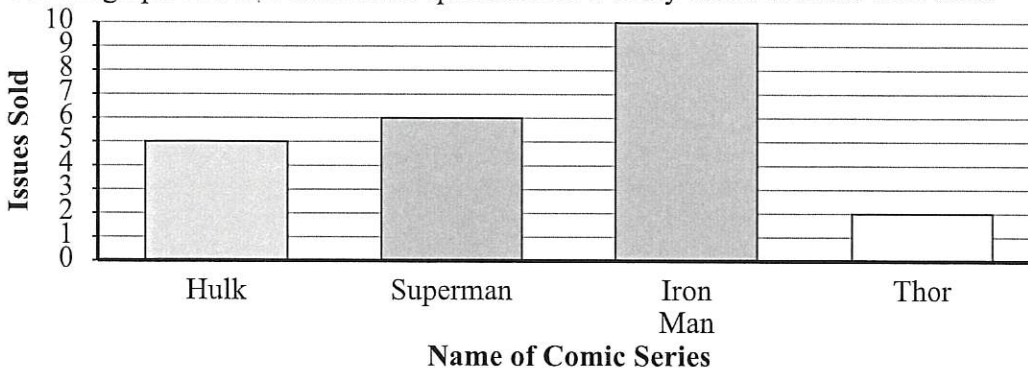


What is the location of A (written as a fraction)?



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

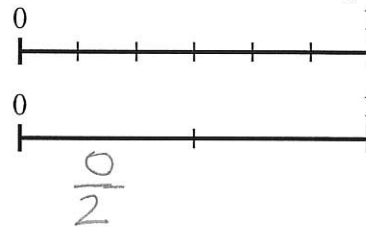
- 8) Use the graph below to answer the question: How many issues of Hulk were sold?



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 $\frac{0}{6}$?



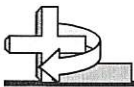
- 6) Write 10 as a fraction with 5 in the denominator.

See next page

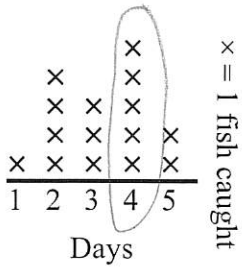
On the number line you have moved forward 0 out of 2 - so $\frac{0}{2}$.

Answers

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

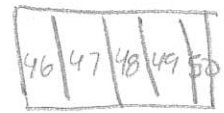
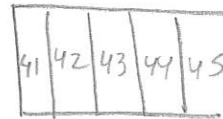
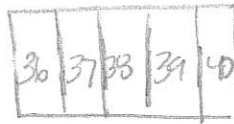
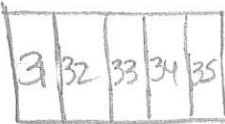
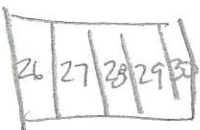
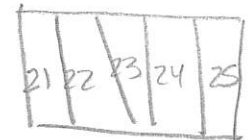
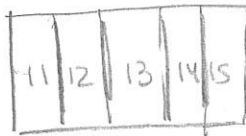
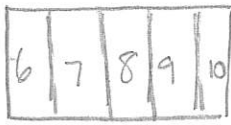
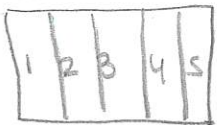
400 milliliters = 1 small soda

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 = $\frac{50}{5}$



$105 = 90 + 15$

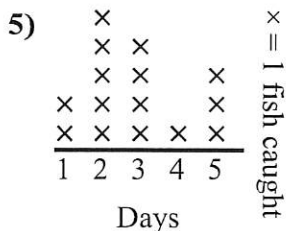
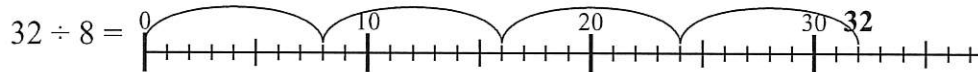
Wednesday

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

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

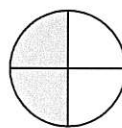
3) If $4 \times 8 = 32$,
then $40 \times 8 = \underline{320}$

4) Use the numberline to solve.



How many days were more than 4 fish caught?

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



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

7)



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

$$\begin{array}{l} 18 - 7 = 11 \\ 22 - 7 = 15 \\ 31 - 7 = 24 \\ 34 - 7 = 27 \\ 52 - 7 = 45 \end{array}$$

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

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

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 2nd 7
2. 88 3rd 1
3. 320 3rd 1
4. 4 3rd 1
5. 1 3rd 4
6. $\frac{2}{4}$ 3rd 1
7. B 3rd 2
8. B 3rd 9
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?

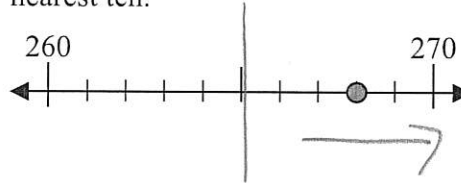
$$516 + 554 + 662$$

- 2) Find the value of N.

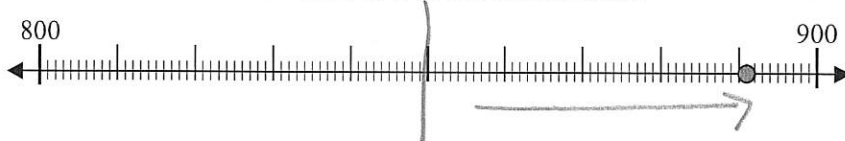
$$365 + N = 957$$

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

- 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. 70×90

B. 70×100

C. 80×90

D. 80×100

$$76 \approx 80$$

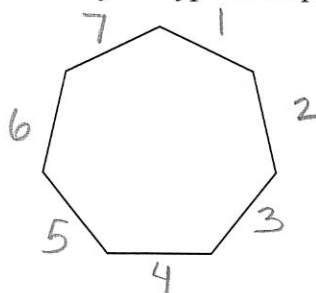
$$93 \approx 90$$

- 7) $5 \times 20 =$ 100

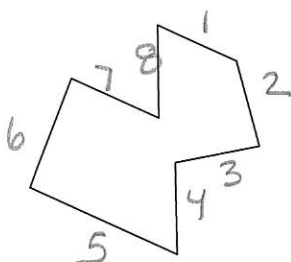
$$5 \times 2 = 10$$

$$5 \times 20 = 100$$

- 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

2. 592

3. 270

4. 900

5. 330

6. C

7. 100

8. heptagon

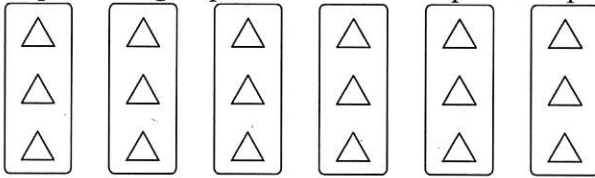
9. octagon

10. regular



Friday

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

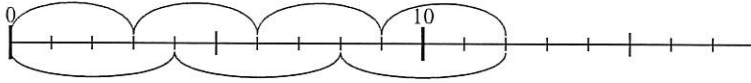


$$3 \times 6 = 18$$

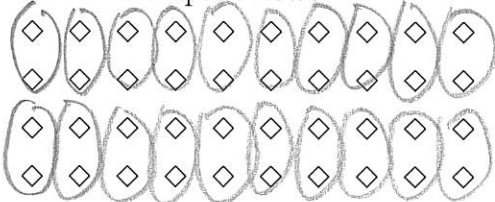
- 2) Use the numberline to solve:

$4 \times 3 =$

$3 \times 4 =$

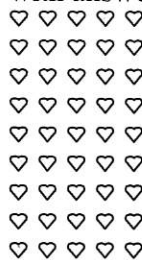


- 3) How many groups of 2 can you make with the 40 shapes below?



$$2 \times 20 = 40$$

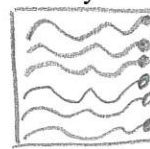
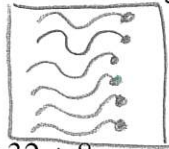
- 4) Rewrite as a multiplication problem with answer.



$$9 \text{ rows of } 5 \text{ hearts} \\ 9 \times 5 = 45$$

- 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.

$18 \div 9 =$

$\times 9 = 18$

- 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. $6 \times 3 = 18$

2. 12

3. 20

4. $9 \times 5 = 45$

5. 12

6. $9 \times 4 = 36$

7. 4

8. 2

9. 10

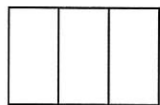
10. 2



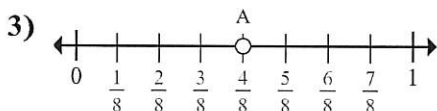


Monday

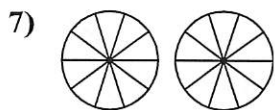
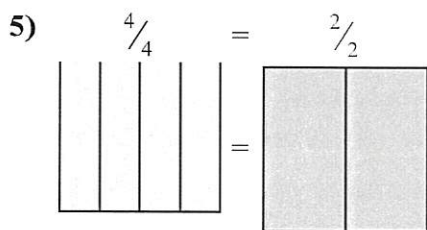
- 1) Write the shaded amount as a fraction of the whole.



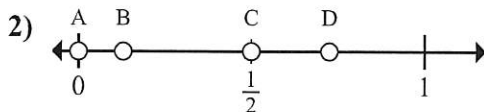
2 shaded
3 parts



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

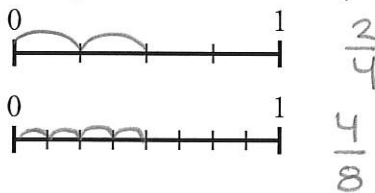


- A. $\frac{7}{10} < \frac{9}{10}$ B. $\frac{7}{3} > \frac{9}{1}$
C. $\frac{3}{7} > \frac{1}{9}$ D. $\frac{3}{7} < \frac{1}{9}$



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.

Team 1 = $\frac{5}{5}$

Team 2 = $\frac{5}{5}$

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

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 |



-
- A bar chart with the y-axis labeled 'Issues Sold' ranging from 0 to 10 in increments of 1. The x-axis is labeled 'Name of Comic Series' and lists four categories: Superman, Batman, X-Men, and Iron Man. The bars for Superman, Batman, and Iron Man are shaded gray and have their values (5, 6, and 7 respectively) written inside them. The bar for X-Men is white and reaches the value 10 on the y-axis.
- | Name of Comic Series | Issues Sold |
|----------------------|-------------|
| Superman | 5 |
| Batman | 6 |
| X-Men | 10 |
| Iron Man | 7 |

$$5 + 6 = 11$$

- 9)
- | | | | | | |
|---|---|---|---|---|---|
| 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 fish were caught on day 1?

- 10)



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

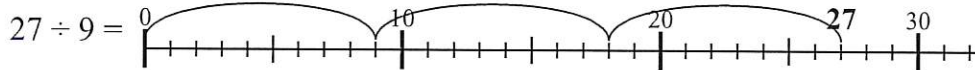
Tuesday

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

$$\begin{array}{r} 2) \quad 771 \\ - \quad 2 \\ \hline 769 \end{array}$$

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

4) Use the numberline to solve.



5)

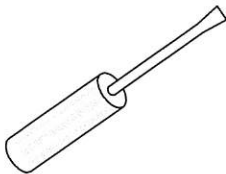
x	x			
x	x	x		
x	x	x	x	
x	x	x	x	x
1	2	3	4	5

Days

x = 1 fish caught

What day were the least number of fish caught?

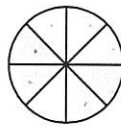
7)



Screw Driver

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

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


$$\begin{array}{r} 4 \text{ shaded} \\ \hline 8 \text{ total} \end{array}$$

8) Find the rule the function machine is using.

In	19	24	48	51	55
Out	10	15	39	42	46

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

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

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

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 dogfood

Answers

- | | | |
|-----|---------------|-------|
| 1. | 639 | 2nb17 |
| 2. | 769 | |
| 3. | 20 | 3oa1 |
| 4. | 3 | 3oa1 |
| 5. | day 5 | 3md4 |
| 6. | $\frac{4}{8}$ | 3nf1 |
| 7. | D | 3md2 |
| 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?

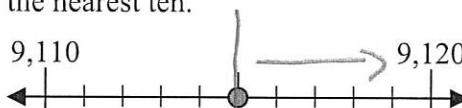
$$511 + 268 + 544$$

- 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. 70×20

B. 60×20

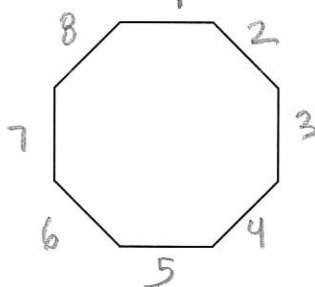
C. 60×30

D. 70×30

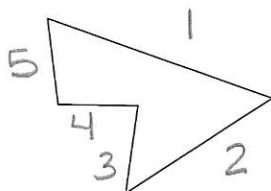
$$65 \approx 70 \quad 28 \approx 30$$

- 7) $60 \times 2 =$ 120

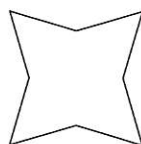
- 8) Identify the type of shape shown.



- 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. 1,323

2. 876

3. 9,120

4. 700

5. 34,200

6. D

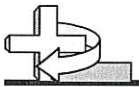
7. 120

8. octagon

9. pentagon

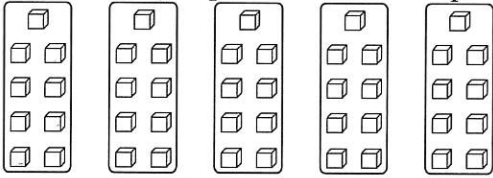
10. irregular

3nb12, 3nb12, 3nb11, 3nb11, 3nb11, 3nb11, 3nb13, 3e1, 3e1, 3e1



Thursday

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

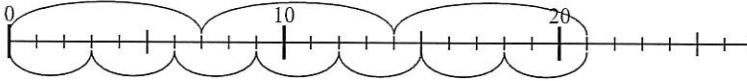


$$9 \times 5 = 45$$

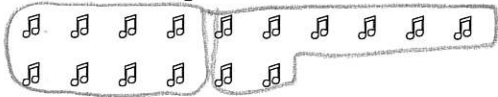
- 2) Use the numberline to solve:

$3 \times 7 =$

$7 \times 3 =$



- 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

$$3 \times 2 = 6$$

- 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?

$$9 \times 3 = 27$$



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

$10 \times 9 = 90$

$90 \div 9 = 10$

$9 \times 10 = 90$

?

- 7) $64 \div 8 = ?$



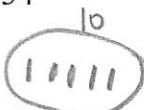
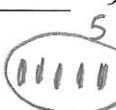
Count the dots to
skip count by 8

- 8) Find a number that fills in both blanks.

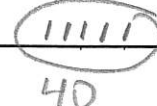
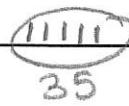
$54 \div 9 =$

$\times 9 = 54$

- 9) $6 \div 3 =$ 2



- 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. $5 \times 9 = 45$

2. 21

3. 2

4. $3 \times 2 = 6$

5. 27

6. $90 \div 10 = 9$

7. 8

8. 6

9. 2

10. 8

3oa1

3oa1

3oa2

3oa3

3oa3

3oa4

3oa4

3oa6

3oa7

3oa8

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.

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

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

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

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

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

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

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

Count the dots and make your multiplication facts

$$1000 + 0 + 10 + 4$$

$$4) \quad 35 \div 7 = 5$$

7, 14, 21, 28, 35

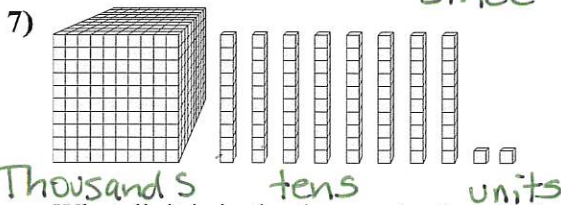
5) Bianca was organizing her book case making sure each of the shelves had exactly 4 books on it. If she had 2 shelves of mystery books and 5 shelves of picture books, how many books did she have total?

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

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

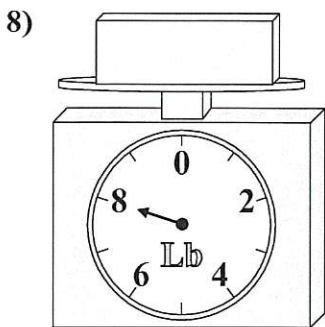
6) Round 7,632 to the nearest ten.

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



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

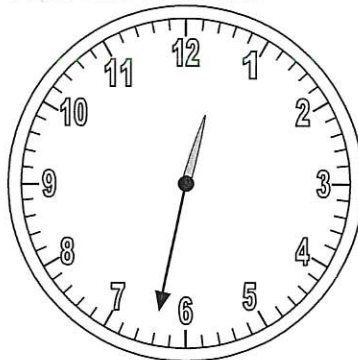
Notice! There are no hundreds. We put a zero in the hundreds place. 1082



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: $4 \times 60 = 240$
 $240 + 50 = 290$
 $5:10 - 2:20 = 2:50$
 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



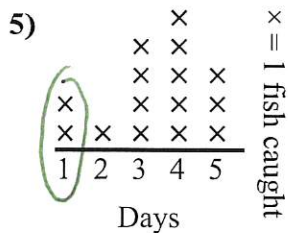
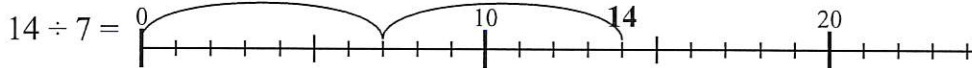
Monday

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

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

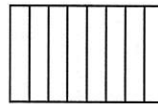
3) If $8 \times 10 = 80$,
then $80 \times 10 = 800$

4) Use the numberline to solve.

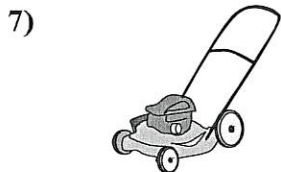


How many fish were caught on day 1?

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.*

Make your 8 multiples



8, 16, 24, 32, 40,

1 gram = 1 piece of paper

1 kilogram = a pineapple

A = 22 pineapples

C. = 100 pineapples

B = 200 pieces of paper

D = one ream of paper

Answers

1. 574 2nd7
2. 32
3. 800 3rd1
4. 2 3rd1
5. 2 3rd4
6. $\frac{6}{8}$ 3rd1
7. A 3rd2
8. B 3rd9
9. 40
10. 24

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?

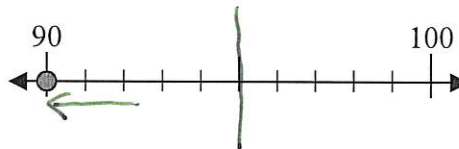
$$848 + 152 + 689$$

- 2) Find the value of A.

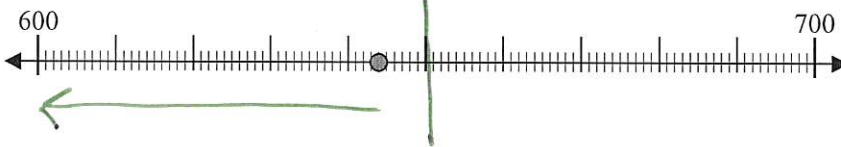
$$197 = A - 187$$

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

- 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. 80×20

B. 80×30

C. 90×20

D. 90×30

$$82 \approx 80$$

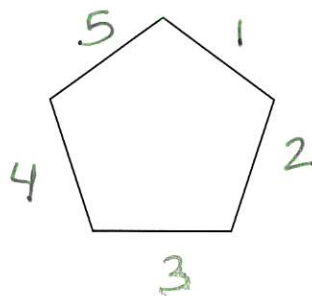
$$25 \approx 30$$

- 7) $60 \times 8 =$ 480

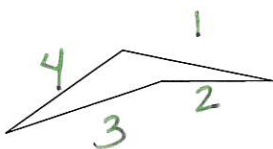
$$6 \times 8 = 48$$

$$60 \times 8 = 480$$

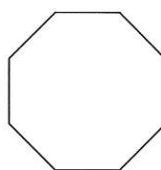
- 8) Identify the type of shape shown.



- 9) Identify the type of shape shown.



- 10) Is the shape shown regular or irregular?



All sides and angles are equal.

Answers

1. 1,696

2. 384

3. 90

4. 600

5. 55,700

6. B

7. 480

8. pentagon

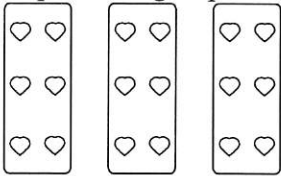
9. quadrilateral

10. regular



Wednesday

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

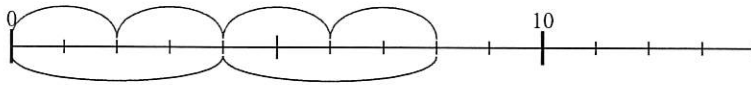


$$6 \times 3 = 18$$

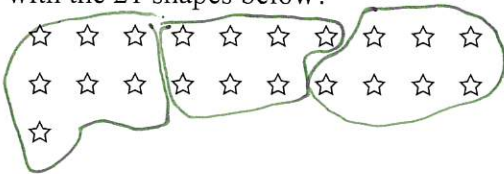
- 2) Use the numberline to solve:

$4 \times 2 =$

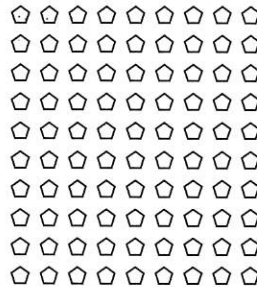
$2 \times 4 =$



- 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

$$10 \times 9 = 90$$

- 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 $8 \times 9 = 72$

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

$10 \times 6 = 60$

$60 \div 6 = 10$

$6 \times 10 = 60$

?

$? \div 2 = 7$

$7 \times 2 = 14$

so $14 \div 2 = 7$

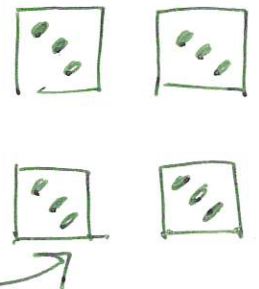
- 8) Find a number that fills in both blanks. 9)
- $48 \div 8 =$
- 6

$10 \div 5 =$

2 $\times 5 = 10$



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

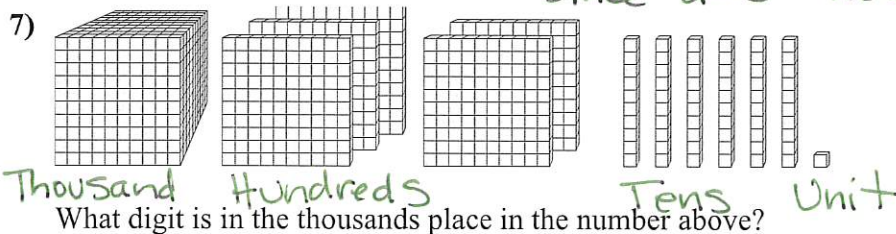
4) $36 \div 6 = \underline{6}$

- 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?

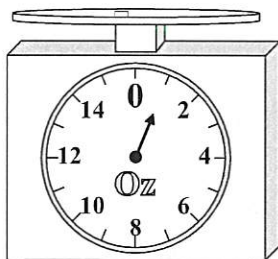
Step One: How many necklaces? $3 + 4 = 7$
Step Two: How much money? $7 \times 3 = 21$

- 6) Round 26,722 to the nearest ten.

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



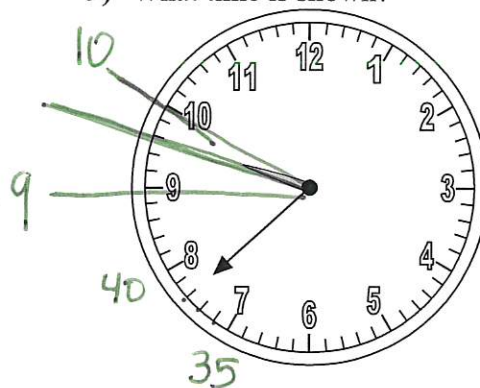
8)



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?



- 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 2nd7
2. 975 2nd7
3. 261 3rd7
4. 6 3rd8
5. 21 3rd8
6. 26,720 3rd11
7. 1 3rd2
8. 4 oz 3rd2
9. 9:38 3rd1
10. 1:15 3rd1

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

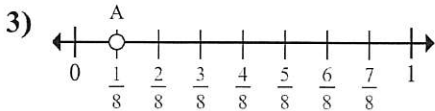


Friday

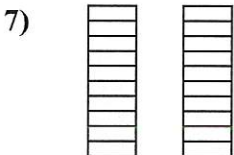
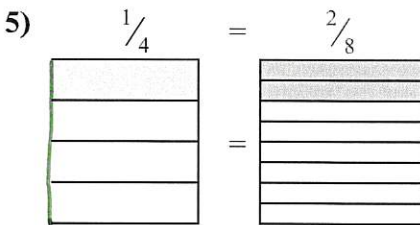
- 1) Write the shaded amount as a fraction of the whole.



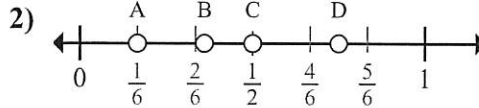
1 shaded
8 parts



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

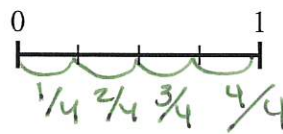
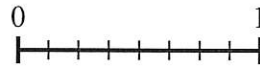


- A. $\frac{7}{3} > \frac{3}{7}$ B. $\frac{10}{7} > \frac{10}{3}$
C. $\frac{7}{10} > \frac{3}{10}$ D. $\frac{7}{3} < \frac{3}{7}$



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.

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

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

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

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

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

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

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

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

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

Short cut -

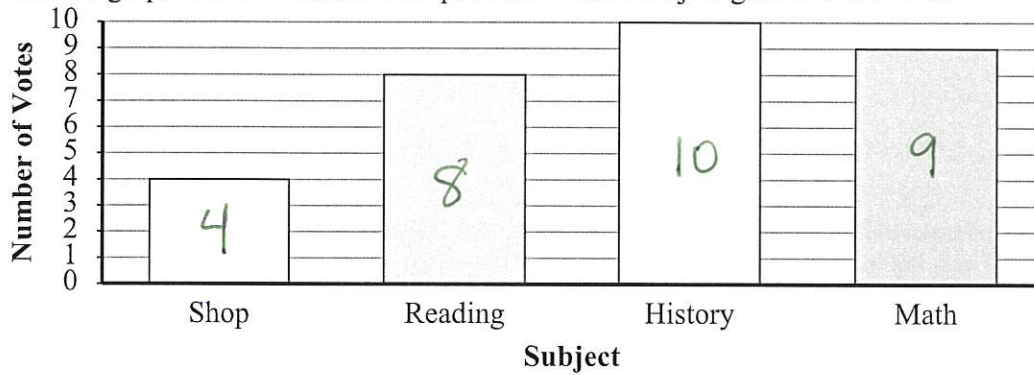
$27 \div 3 = 9$

Answers

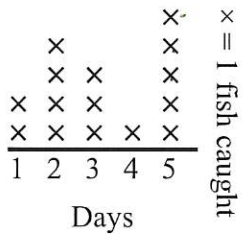
1.	$\frac{1}{8}$	3nf1
2.	A	3nf2a
3.	$\frac{1}{8}$	3nf2b
4.	$\frac{4}{4}$	3nf3a
5.	$\frac{2}{8}$	3nf3b
6.	9	3nf3c
7.	C	3nf3d
8.	history	3md3
9.	0	3md4
10.	C	3md2



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



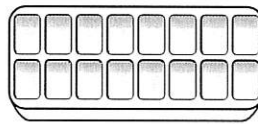
9)



How many days were more than 6 fish caught?

no days

10)



Water in an ice tray

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

1 milliliter is 1 tear drop
1 liter is a hydro flask

So - A. 2 Hydroflasks
B. 50 tear drops
C. Half a hydroflask
(.5 = $\frac{1}{2}$)
D. 2 tear drops