1 Fill in the blanks with the correct numbers from the list to complete the equations.

$4 \times 6 =$ _____

_____ $\div$ _____ $= 4$

24	4	6

2 Chun and Jake plant a garden. They separate the garden into 4 equal parts. They use 3 of the parts to grow corn and the rest to grow beans.

Which part of the garden will be used for growing beans?

Ⓐ $\frac{1}{8}$ Ⓒ 3

Ⓑ $\frac{1}{4}$ Ⓓ 4

3 What is the unknown number in the equation?

$7 \times \square = 21$

Ⓐ 2 Ⓒ 14

Ⓑ 3 Ⓓ 17

4 Natalie's class has lunch, art, math, and reading on Tuesday afternoons. The start and end times of each activity are shown in the table.

Activity	Start Time	End Time
Lunch	12:00 p.m.	12:25 p.m.
Art	12:45 p.m.	1:20 p.m.
Math	1:20 p.m.	1:45 p.m.
Reading	2:00 p.m.	2:30 p.m.

Which activity takes the most time?

Ⓐ lunch Ⓒ math

Ⓑ art Ⓓ reading

Name _____

5 Tamara has 5 packs of cards that contain 5 cards each. She gives some cards to Ali. Tamara has 19 cards now. How many cards does she give to Ali?

Ⓐ 25 Ⓒ 13

Ⓑ 19 Ⓓ 6

---

6 What is 625 + 110?

Ⓐ 120 Ⓒ 735

Ⓑ 515 Ⓓ 800

---

7 Charissa has a rock collection. She has 64 rocks in all. She puts an equal number of rocks into 8 bags. How many rocks are in each bag? Write an equation to solve the problem. Then enter the number of rocks in each bag.

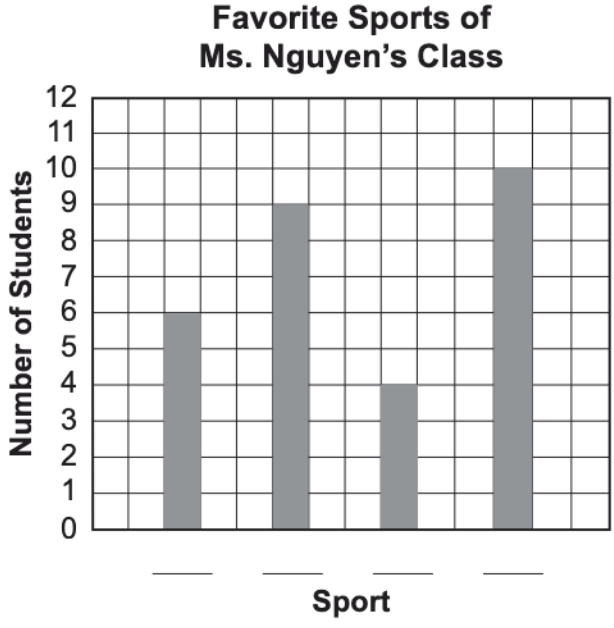
_____

There are _____ rocks in each bag.

8 Ms. Nguyen's class voted for their favorite sports.

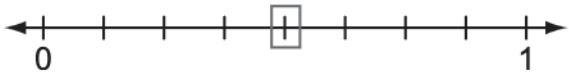
- There were 6 votes for baseball.
- There were 3 more votes for swimming than for baseball.
- Basketball had 1 more vote than swimming.
- There were 5 fewer votes for soccer than for swimming.

Write the letter of each sport to label the bars on the graph.



A. baseball	**C.** swimming
B. soccer	**D.** basketball

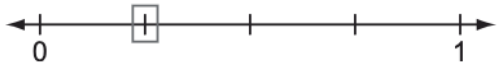
9 Select **all** the choices that are equivalent to the fraction indicated on the number line.



Ⓐ 

Ⓑ $\frac{3}{4}$

Ⓒ $\frac{1}{2}$

Ⓓ 

Ⓔ $\frac{4}{1}$

Ⓕ $\frac{2}{2}$

10 Which of the following numbers can be used to complete the equations below?

$5 \times \square = \square$

$45 \div 5 = \square$

Ⓐ 5, 9

Ⓒ 5, 40

Ⓑ 9, 6

Ⓓ 9, 45

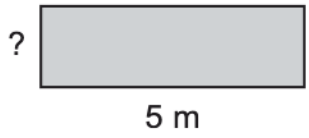
11 The pattern shown was created by adding the same amount each time to get the next number.

15, 35, 55, 75, ...

What will be the seventh number in the pattern?

_____

12 Jonah builds a rectangular pen for his goats. The length of the pen is 5 meters, and the area of the pen is 20 square meters.



Jonah doubles the area of the original pen. The length of the new pen stays the same. What is the width of the new pen?

Ⓐ 4 meters

Ⓒ 10 meters

Ⓑ 8 meters

Ⓓ 40 meters

Name _____

13 Reese has 28 apples. How can she put the apples into bags so there are none left over?

Ⓐ 2 bags of 8 apples

Ⓑ 3 bags of 10 apples

Ⓒ 4 bags of 7 apples

Ⓓ 9 bags of 3 apples

14 A rectangle is 7 meters long and 5 meters wide. A second rectangle is also 7 meters long, but it has an area that is 14 square meters less than the area of the first rectangle. What is the width of the smaller rectangle?

_____ meters

15 What is 788 rounded to the nearest 10 and to the nearest 100?

Write the correct number from the list in each box.

Rounded to the Nearest Ten	Rounded to the Nearest Hundred

700	780	790	800	810

16 Which statement is true?

Ⓐ $\frac{2}{4} < \frac{2}{6}$ because the numerators are the same, and $4 < 6$.

Ⓑ $\frac{2}{4} > \frac{2}{8}$ because $\frac{2}{4}$ represents a larger part of a whole than $\frac{2}{8}$.

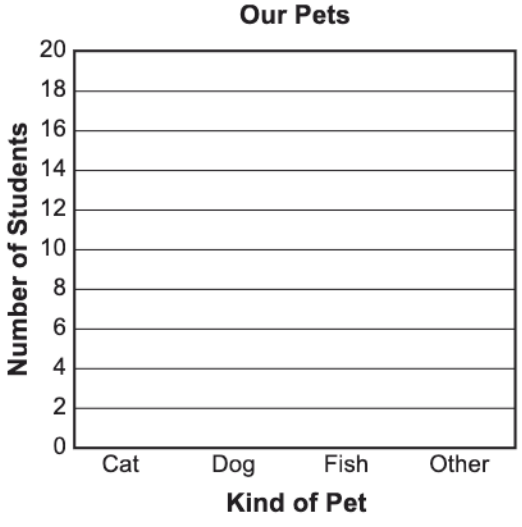
Ⓒ $\frac{4}{8} = \frac{4}{4}$ because each fraction represents an equal number of pieces.

Ⓓ $\frac{1}{6} > \frac{3}{6}$ because the denominators are the same, but 1 is less than 3.

17 Hakeem asked all the students in his class about the kinds of pets they have. Some of the results are shown in the table. The number of students who have dogs is 4 less than the number who have cats. The number of students who have fish is 8 less than the number of students who have dogs.

Write the missing numbers in the table. Then complete the bar graph to represent the data correctly.

Type of Pet	Number of Students
Cat	16
Dog	
Fish	
Other	5



18 Mario has 56 erasers. He makes packs with 8 erasers in each pack. How many packs can Mario make if he uses all the erasers? Write an equation to solve the problem. Then write the answer on the line.

_____

_____ packs of erasers

19 Maya wrote the expression 3×40 on the board.

Select **all** of the expressions that are equal to Maya's expression.

Ⓐ 6×20

Ⓑ 1×12

Ⓒ 60×4

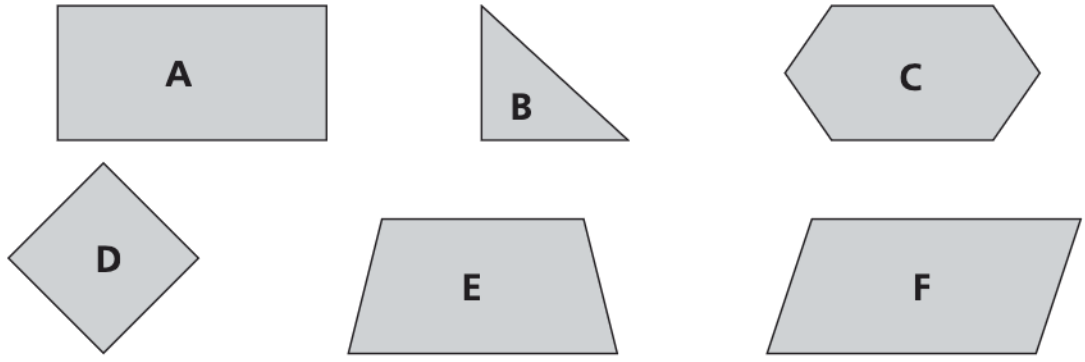
Ⓓ 4×30

Ⓔ 10×3

Name _____

20 Write the letter of each polygon in the correct place in the table.

Quadrilaterals with 4 Right Angles	Quadrilaterals with No Right Angles	Not a Quadrilateral



21 Consider the expression 6×7.

Part A

Which of these expressions is equal to 6×7?

Ⓐ $(3 \times 7) + (3 \times 7)$

Ⓑ $(2 + 7) \times (3 + 7)$

Ⓒ $(2 \times 7) + (5 \times 7)$

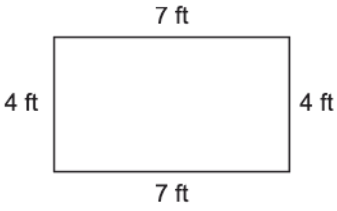
Ⓓ $(6 \times 4) + (6 \times 2)$

Part B

What is the value of 6×7?

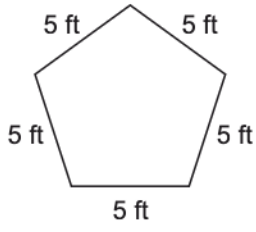
_____

22 Han is designing a garden for his yard. He draws a sketch of his garden with sides labeled in feet.

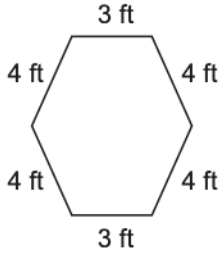


Select **all** of the polygons with the same perimeter as Han's garden.

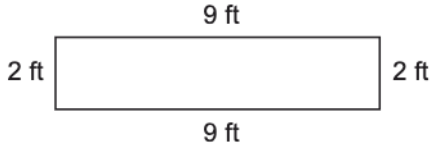
Ⓐ



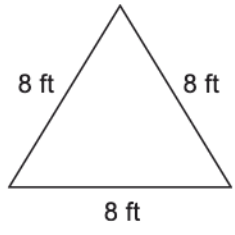
Ⓑ



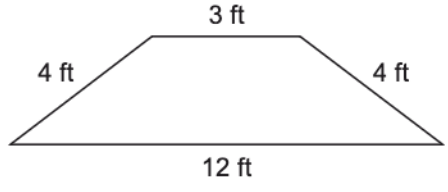
Ⓒ



Ⓓ



Ⓔ



23 Fill in the blanks with a word from the list to correctly complete the sentences.

The sum of two odd numbers will be _____.

The sum of an even number and an odd number will be _____.

The sum of two even numbers will be _____.

even	odd

24 Matthew has 6 buckets of water. Each bucket has 8 liters of water in it. How much water does Matthew have?

Fill in the blanks with the correct answers from the list to complete the equation and solve the problem.

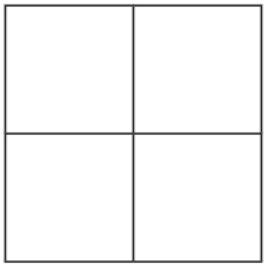
____ ____ ____ = ____

____ liters

×	÷	6	8	48	42	*w*

Name _____

25 Shade the model to show $\frac{1}{2}$.



26 Liza has 4 boxes of pencils. Each box contains 5 pencils. How many pencils does Liza have?

Select **all** of the expressions that show how many pencils there are in all.

Ⓐ $4 + 5 = \square$

Ⓑ $4 \times 5 = \square$

Ⓒ $5 + 4 = \square$

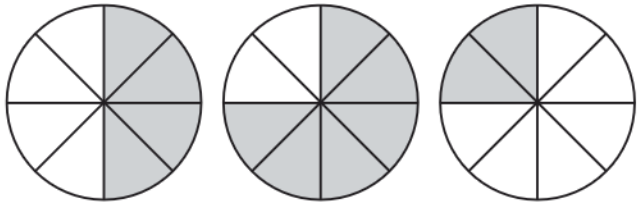
Ⓓ $5 \times 4 = \square$

Ⓔ $5 + 5 + 5 + 5 = \square$

Ⓕ $4 + 4 + 4 + 4 = \square$

27 Liam drew the fractions shown.

Write an equivalent fraction from the box for each model.



_____ _____ _____

$\frac{3}{4}$	$\frac{1}{2}$	$\frac{1}{4}$

28 Complete the related equations.

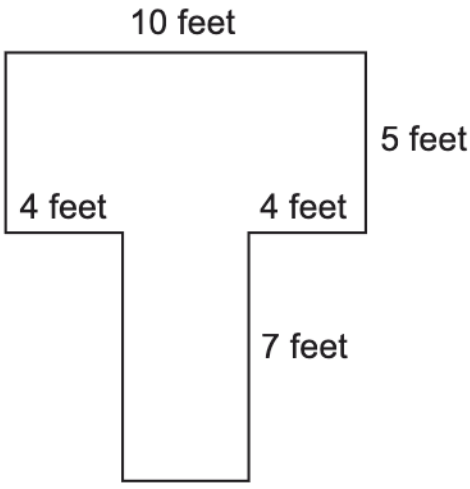
$6 \times 5 =$ _____

$5 \times$ _____ $= 30$

$30 \div$ _____ $= 6$

$30 \div 6 =$ _____

29 A model of Rachel's back porch is shown.



What is the area of the porch in square feet?

Ⓐ 14 square feet

Ⓑ 26 square feet

Ⓒ 50 square feet

Ⓓ 64 square feet

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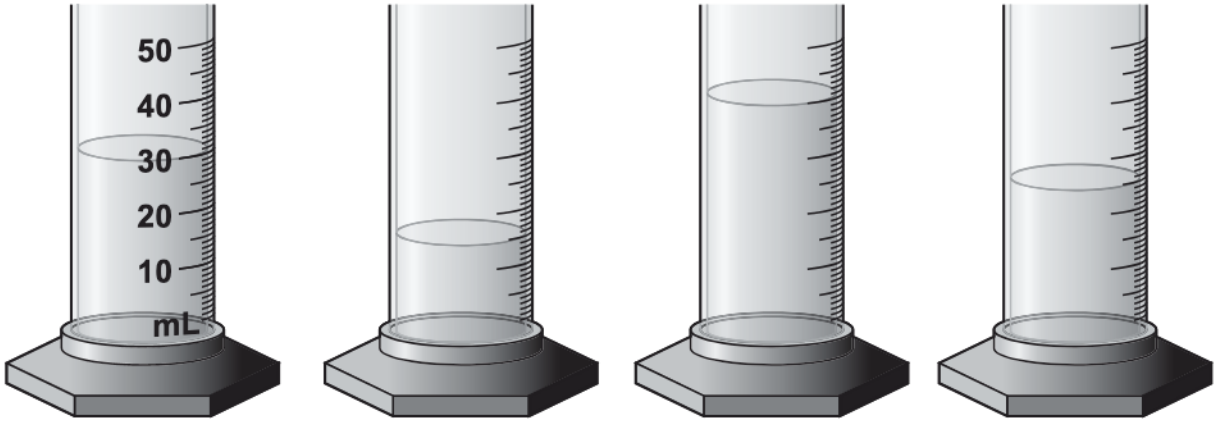
30 Lisa and Joshua have containers filled with different amounts of water measured in milliliters.

Write the correct numbers from the list to show the amount of water in milliliters in each container.

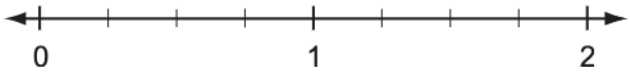


1. _____ 2. _____ 3. _____ 4. _____

15	25	30	40

Name _____

31 Plot a point at $\frac{5}{4}$ on the number line.



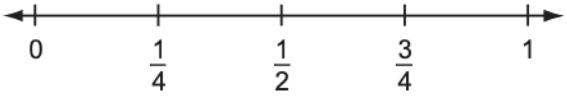
32 Amit measured the size of several beads. The widths are shown in the table.

Bead Width (in inches)

Bead 1	$\frac{1}{2}$
Bead 2	$\frac{1}{4}$
Bead 3	$\frac{3}{4}$
Bead 4	1
Bead 5	$\frac{1}{4}$
Bead 6	$\frac{3}{4}$

Draw Xs on the line plot to represent all 6 bead widths listed in the table.

Bead Width (in inches)



33 Sarah bought 6 packs of stickers. Then her sister gave her 9 more stickers. Now Sarah has 45 stickers.

Part A

How many stickers were in each pack?

Ⓐ 6

Ⓑ 9

Ⓒ 15

Ⓓ 30

Part B

How many stickers would Sarah have in all if her sister gave her 2 more packs of stickers?

_____ stickers