

Summer Math Program Entering Fourth Grade Week 8



Fast Facts

See how many you can do in one minute!

$$5 \times 10 =$$

$$8 \times 9 =$$

$$1 \times 1 =$$

$$7 \times 9 =$$

$$6 \times 3 =$$

$$4 \times 3 =$$

$$2 \times 7 =$$

$$6 \times 8 =$$

$$8 \times 7 =$$

$$1 \times 9 =$$

$$10 \times 8 =$$

$$8 \times 8 =$$

$$3 \times 9 =$$

$$3 \times 1 =$$

$$10 \times 1 =$$

$$7 \times 6 =$$

$$9 \times 8 =$$

$$9 \times 1 =$$

$$5 \times 8 =$$

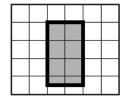
$$2 \times 9 =$$

Geometry

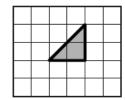
Estimate the area of each figure. Each

☐ = 1 square unit.

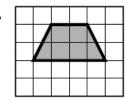
1.



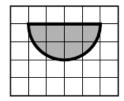
2.



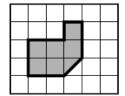
3.



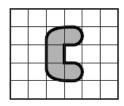
4.



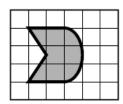
5.



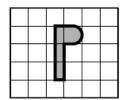
6.



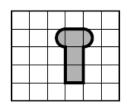
7.



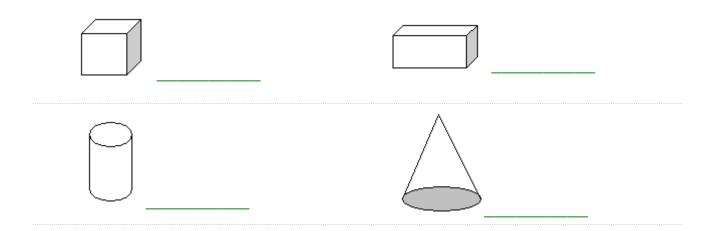
8.



9.



Name these 3-D shapes.



1. Give an example of a time when you would need to find the length of an object.

- 2. Give an example of a time when you would need to find the area of an object.
- 3. For each example below, tell whether you are looking for length or area.

Finding how much rope is needed for a tug-of-war game _____

Finding how much wallpaper is needed to cover the wall _____

Finding a piece of wrapping paper to cover a package _____

Finding the distance from the beginning to end of a hallway _____

MEASUREMENT

Add or subtract the following measurements.

1. 6 hours, 25 minutes

2. 2 feet, 5 inches

+ 2 hours, 10 minutes

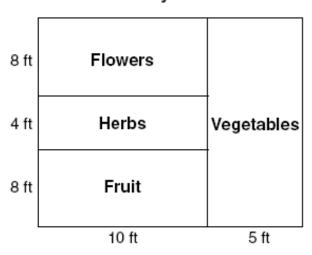
- 1 foot, 3 inches

PROBLEM SOLVING

The diagram below shows Julie's plan for her garden. Use the diagram to solve Problems 1–4.

- 1. What is the perimeter of the herb section of Julie's garden?
- 2. What did Julie plant in the largest section in her garden? What is the perimeter of that section?
- 3. Which two sections of her garden have the same perimeter? What is their perimeter?

Show your work.



Use the diagram to solve each problem.

- 1. The diagram at right shows the design of a tiled patio. The patio surrounds a fountain in Jefferson Park. Each tile on the patio covers 1 square foot. What is the area of the patio, in square feet?
- 2. Which has the greater area, the patio or the fountain? How much greater, in square feet?
- 3. The city is replacing the tiles on the patio around the fountain next year. Each tile costs \$4. How much will it cost to replace all the tiles?

Show your work.

Fountain						
Patio						
		гa L	L			