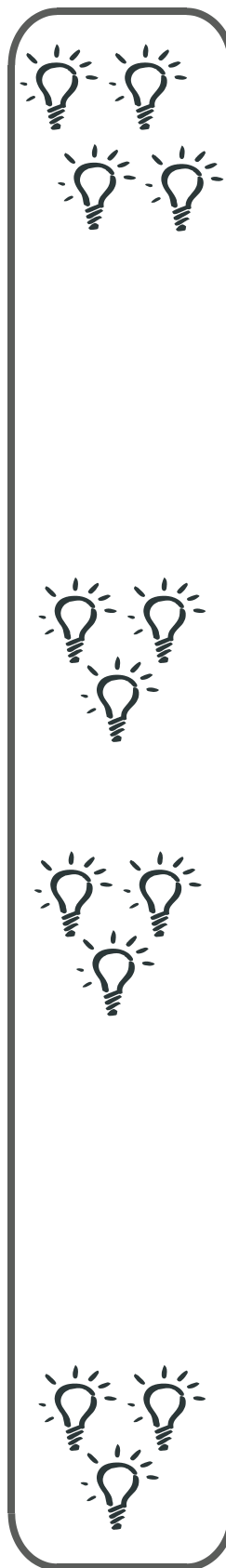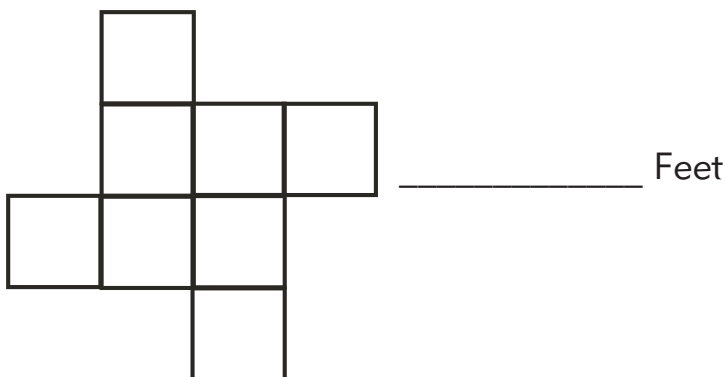## Math Rules!

Name _____
❑ I worked these problems myself
❑ I worked with others on these problems

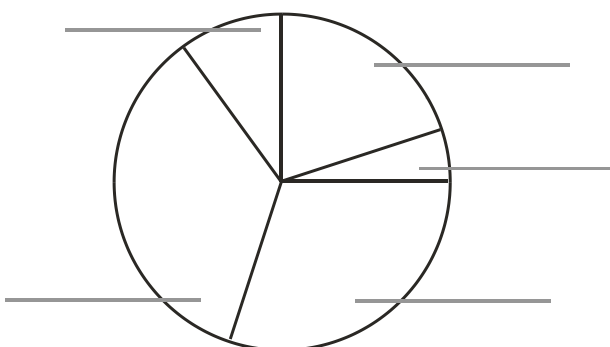### 5: Three

1. This polygon is divided into 8 congruent squares. The area of the polygon is 72 square feet. Find the perimeter in feet.

_____ Feet

2. Ron found a scrap paper which was left at his desk. The numbers **3 2 4 7 8** were added to equal **87**. But there were no plus signs. Where do the plus signs belong?

    3 + 42 + 78 = 87   or   **32 + 47 + 8 = 87**

3. Pets belonging to students in grade 5.

a. BIRDS   10%
b. FISH   20%
c. CATS   35%
d. DOGS   30%
e. HAMSTERS   5%

Label the circle graph to show the correct section for each pet group.

4. Almost 6 out of 10 families who own cats keep their cats strictly indoors. Out of 55 family cats, how many would probably be kept indoors? _____

5. The people of Midvale use their library a lot. The table organizes the information.

Number of Users at the Midvale Public Library

Day	Mon.	Tues.	Wed.	Thurs.	Fri.
Users	45	50	65	30	75

Use the information in the table to complete the pictograph

Number of Users at the Midvale Public Library

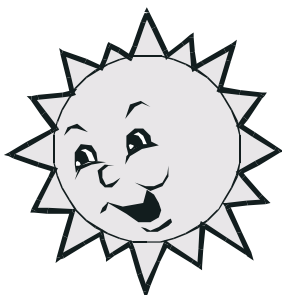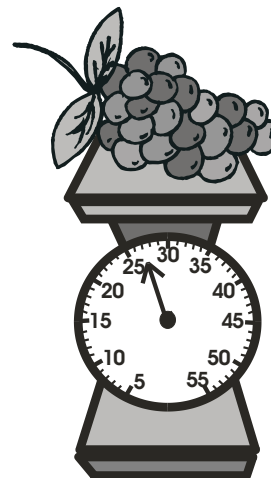| Monday	♀ ♀ ♀ ♀ ♀
Tuesday	
Wednesday	
Thursday	
Friday	

♀ = 10 Users

6. On June 1st, 395 people were living in Midvale's condo complex. During the month 29 people moved out of their condo, 14 people moved in, twins were born to one of the families, and three families moved to larger condos in the complex. How many people were living in the complex at the end of June?

_____

7. How much does the bunch of grapes weigh on this scale? _____

8. 8 seconds   8 minutes
   8 hours   8 days

Which unit is the approximate time it takes for rays of the sun to reach the earth? Circle your answer.

Knew You Could Do It!