



Unit 6 Cumulative Assessment

- ① Solve. You may draw a picture or a diagram.

The animal shelter keeps 5 kittens in each pen.

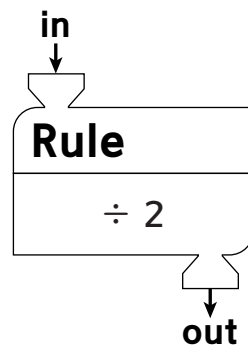
There are 5 pens. How many kittens are there in all?

Answer: _____ (unit)

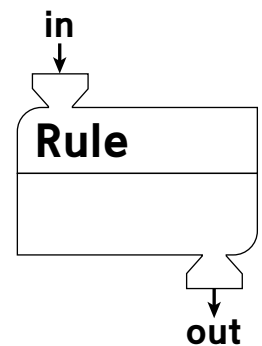
Number model: _____

- ② Fill in the blanks.

in	out
8	
	6
14	
	2
	5



in	out
4	12
6	18
7	21
9	27





Unit 6 Cumulative Assessment (continued)

⑥ Fill in the blanks.

a. $30 \div 3 = \underline{\hspace{2cm}}$

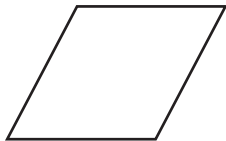
b. $4 = \underline{\hspace{2cm}} \div 4$

c. $5 = 35 \div \underline{\hspace{2cm}}$

d. $50 \div 10 = \underline{\hspace{2cm}}$

⑦ Draw a picture and use words to explain why $2 \times 8 = 8 \times 2$.

⑧ a. Write a name for each quadrilateral.



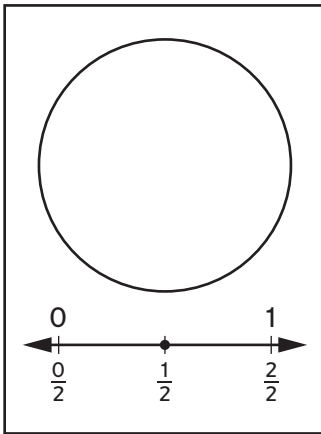
b. Circle one of the shapes above.

Write a different name for that shape. _____

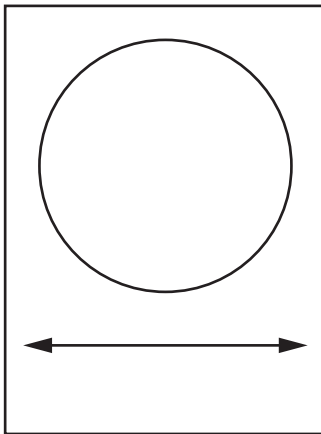


Unit 6 Cumulative Assessment (continued)

- 9 a. Shade the circle on this fraction card to show $\frac{1}{2}$.



- b. On this fraction card, partition and shade the circle to show a fraction that is equivalent to $\frac{1}{2}$ but with a different denominator. You may use your fraction cards to help.



Name the fraction: _____

- c. How do you know the fractions are equivalent?



Unit 6 Cumulative Assessment (continued)

- ⑩ a. The mass of a basketball is about 625 grams.
The mass of a baseball is about 142 grams.

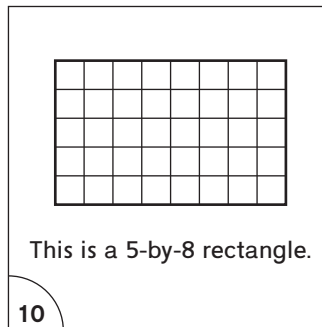
About how many more grams is a basketball than a baseball?

Estimate: _____

Answer: about _____ (unit)

- b. Explain how you know your answer makes sense.

- ⑪ You draw this card in *The Area and Perimeter Game*:



Find the area and the perimeter.

Area: _____ square units

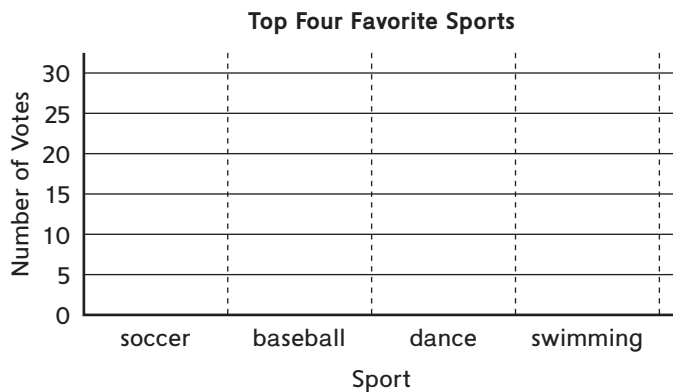
Perimeter: _____ units



Unit 6 Cumulative Assessment (continued)

- 12 a. Fill in the bar graph for the top four sports picked by third graders at Harvey School.

Sport	Number of Votes
soccer	30
baseball	30
dance	25
swimming	15



- b. How many more votes did baseball get than dance?

- c. How many votes are there in all? _____
- d. Compare the number of votes for soccer to the number of votes for dance and swimming together.
How many more votes were for dance and swimming together than for soccer?



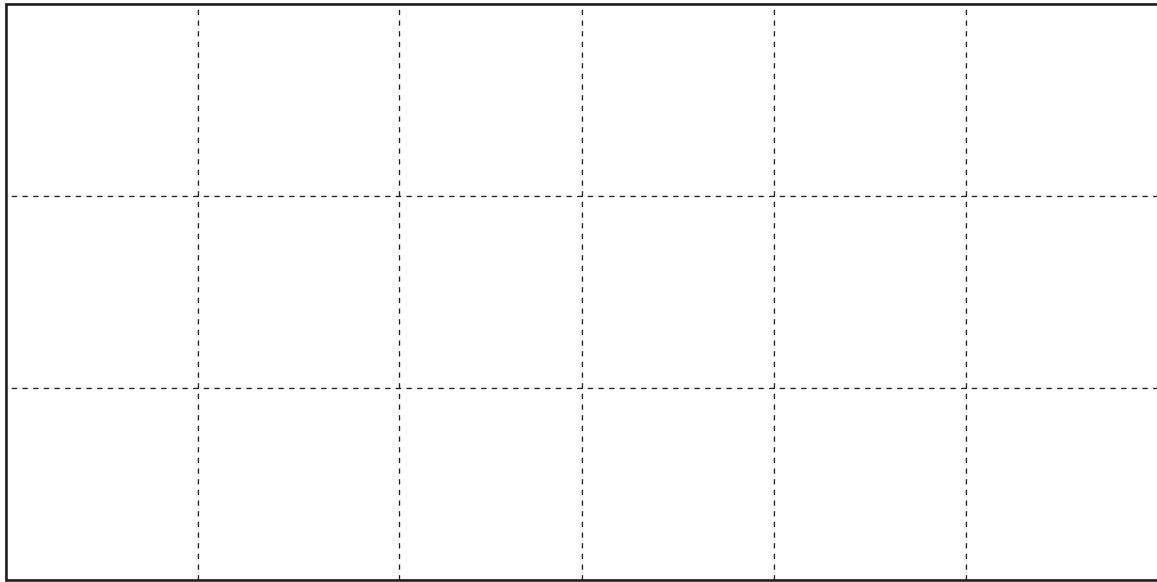
Unit 6 Cumulative Assessment (continued)

- ⑬ Measure the length of the line segment to the nearest half inch and nearest centimeter.

about _____ inches

about _____ centimeters

- ⑭ Measure the side lengths of this rectangle to the nearest inch and label them.



This is a _____ by _____ rectangle.

(unit) (unit)

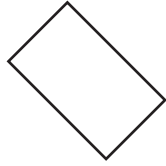
Area: _____ square inches

Number model: _____



Unit 6 Cumulative Assessment (continued)

- 15 Circle all the names for this shape.



rectangle

square

quadrilateral

parallelogram

triangle

rhombus

- 16 Solve each fact.

Write another fact next to each using the turn-around rule.

a. $2 \times 3 =$ _____

b. _____ $= 5 \times 7$

c.
$$\begin{array}{r} 8 \\ \times 2 \\ \hline \end{array}$$

d.
$$\begin{array}{r} 6 \\ \times 10 \\ \hline \end{array}$$