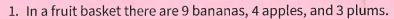
NAME

DATE

PERIOD

## Unit 2, Lesson 1

## **Practice Problems**



- a. The ratio of bananas to apples is \_\_\_\_\_\_\_:\_\_\_
- b. The ratio of plums to apples is 3 to 4
- c. For every 4 apples, there are 3 plums.



2. Complete the sentences to describe this picture.







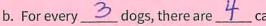






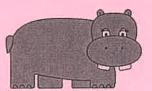


a. The ratio of dogs to cats is \_\_\_\_\_\_\_

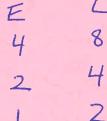




3. Write two different sentences that use ratios to describe the number of eyes and legs in this picture.









4. Choose an appropriate unit of measurement for each quantity.

NAME

DATE

PERIOD

a. area of a rectangle cm<sup>2</sup>

b. volume of a prism CM

c. side of a square CM d. area of a square CM 2



e. volume of a cube CM

• cm (C)

• cm<sup>3</sup> b, e

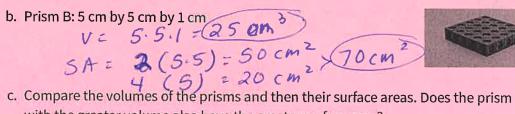
· cm<sup>2</sup> a, d

5. Find the volume and surface area of each prism.

a. Prism A: 3 cm by 3 cm by 3 cm

$$V = 3.3.3 = 27 \text{ cm}^3$$
  
 $5A = 6(3.3) = 54 \text{ cm}^2$ 







with the greater volume also have the greater surface area?

54 cm 2 6 70 cm

6. Which figure is a triangular prism? Select all that apply.

