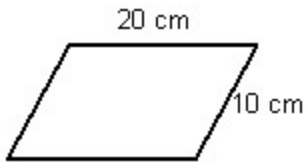


Unit 08 PC Form A

1.  **Use pencil and paper to answer the question.**

Find the perimeter of the polygon.

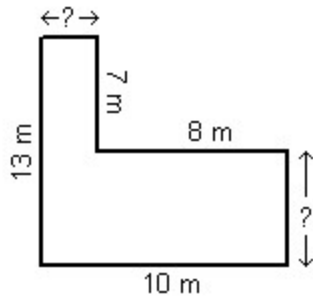


Number model: _____

Perimeter = _____ cm

2.  **Use pencil and paper to answer the question.**

Find the perimeter of the polygon.

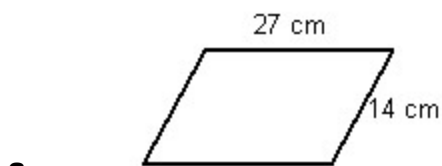


Number model: _____

Perimeter = _____ m

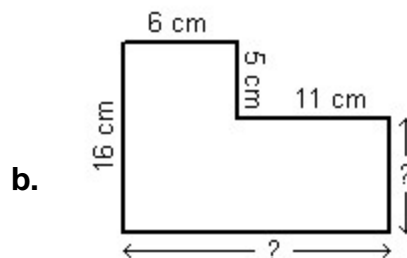
3.  **Use pencil and paper to answer the question.**

Find the perimeter of each polygon.



Number model: _____

Perimeter = _____ cm

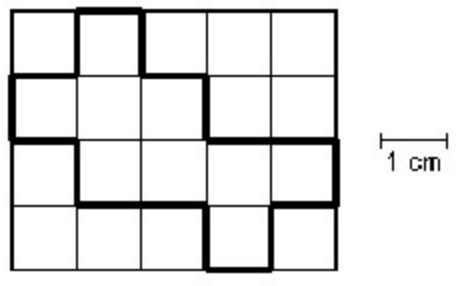


Number model: _____

Perimeter = _____ cm

Unit 08 PC Form A

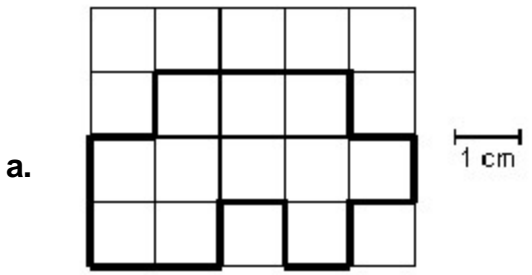
4. Find the area of the polygon.



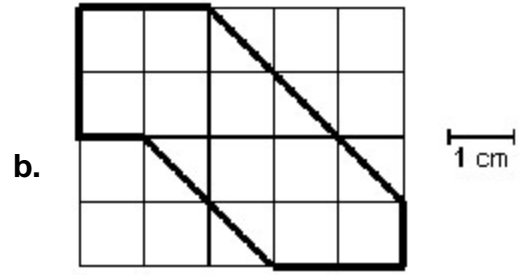
Area = _____ square centimeters

5.  Use pencil and paper to answer the question.

Find the area of each polygon.

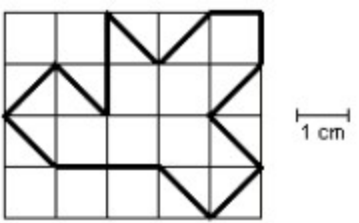


Area = _____ square centimeters



Area = _____ square centimeters

6. Find the area of the polygon.



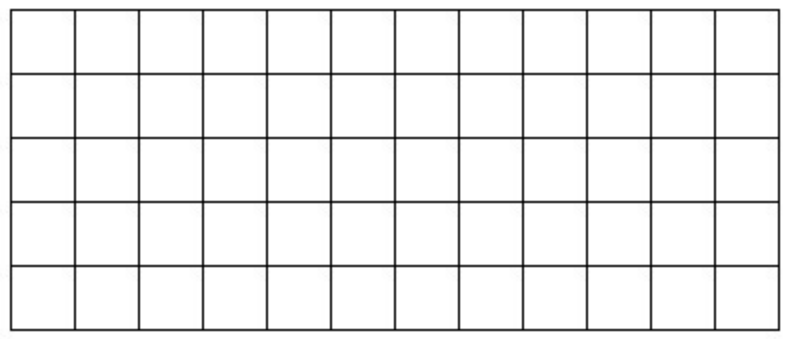
Area = _____ square centimeters

- a. $10\frac{1}{2}$ b. 11 c. 10 d. $9\frac{1}{2}$

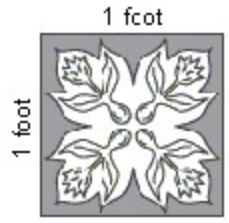
Unit 08 PC Form A

7.  Use pencil and paper to answer the question.

Draw a rectangle with an area of 35 square centimeters and a perimeter of 24 centimeters.



8. Mrs. Lujan wants to tile her kitchen floor. The room is 8 feet wide and 14 feet long. How many 1-square-foot tiles does she need to cover the floor?

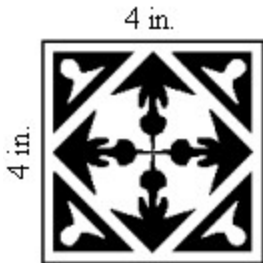


_____ tiles

Unit 08 PC Form A

9.  Use pencil and paper to answer the question.

Mrs. Jackson wants to tile her kitchen floor using tiles that are 4-inches on each side. The room is 9 feet wide and 14 feet long. How many 4-inch tiles does she need to cover the floor?



_____ tiles

Explain the strategy you used to solve the problem.

10. Add.

$$\frac{4}{11} + \frac{2}{11} = \underline{\hspace{2cm}}$$

11. Add.

$$\frac{1}{4} + \frac{1}{16} = \underline{\hspace{2cm}}$$

12. Subtract.

$$\frac{9}{12} - \frac{2}{12} = \underline{\hspace{2cm}}$$

13. Subtract.

$$\underline{\hspace{2cm}} = \frac{13}{16} - \frac{1}{4}$$

Unit 08 PC Form A

14.  Use pencil and paper to answer the question.

Add or subtract.

a. $\frac{3}{11} + \frac{3}{11} = \underline{\hspace{2cm}}$

b. $\underline{\hspace{2cm}} = \frac{1}{6} + \frac{1}{3}$

c. $\frac{10}{12} - \frac{1}{12} = \underline{\hspace{2cm}}$

d. $\underline{\hspace{2cm}} = \frac{13}{16} - \frac{1}{4}$

15.  Use pencil and paper to answer the question.

Add or subtract.

a. $\frac{1}{5} + \frac{3}{5} = \underline{\hspace{2cm}}$

b. $\underline{\hspace{2cm}} = \frac{7}{12} + \frac{1}{3}$

c. $\frac{7}{10} - \frac{2}{10} = \underline{\hspace{2cm}}$

d. $\underline{\hspace{2cm}} = \frac{8}{9} - \frac{1}{3}$

16.  Use pencil and paper to answer the question.

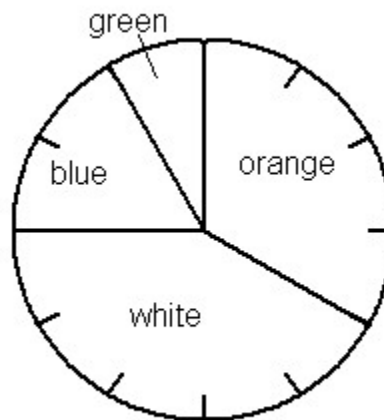
If you spin the spinner 600 times, how many times would you expect it to land

on green? _____

on blue? _____

on orange? _____

on white? _____

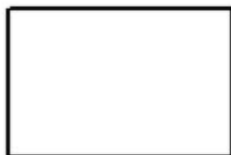


17. A bag contains 5 red blocks, 5 blue blocks, 7 green blocks, and 3 orange blocks. You put your hand in the bag and, without looking, pull out a block. About what fraction of the time would you expect to get a red block?

Unit 08 PC Form A

18.  **Use pencil and paper to answer the question.**

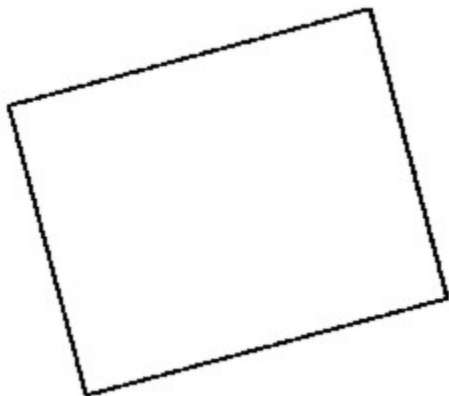
Complete. Measure with a centimeter ruler.



base = _____ cm perimeter = _____ cm
height = _____ cm Area = _____ cm²

19.  **Use pencil and paper to answer the question.**

Complete. Measure with a centimeter ruler.

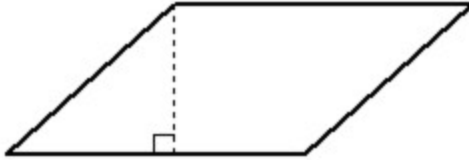


base = _____ cm perimeter = _____ cm
height = _____ cm Area = _____ cm²

Unit 08 PC Form A

20.  **Use pencil and paper to answer the question.**

Complete. Measure with a centimeter ruler.



base = _____ cm perimeter = _____ cm
height = _____ cm Area = _____ cm²

21.  **Use pencil and paper to answer the question.**

Complete. Measure with a centimeter ruler.



base = _____ cm perimeter = _____ cm
height = _____ cm Area = _____ cm²

22.  **Use pencil and paper to answer the question.**

Use the scale: 1 cm represents 10 meters.

Make a scale drawing of a rectangle 40 meters by 45 meters.

Unit 08 PC Form A

23.  Use pencil and paper to answer the question.

In each problem below, a scale and the lengths of the sides of a rectangle are given. Make a scale drawing of each rectangle.

a. Scale: 1 cm represents 2 meters

Dimensions of rectangle:
4 meters by 11 meters

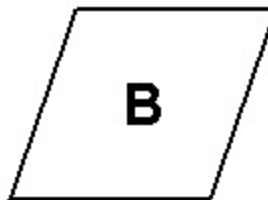
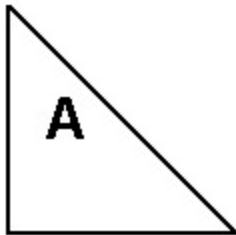
b. Scale: 1 cm represents 5 meters

Dimensions of rectangle:
15 meters by 20 meters

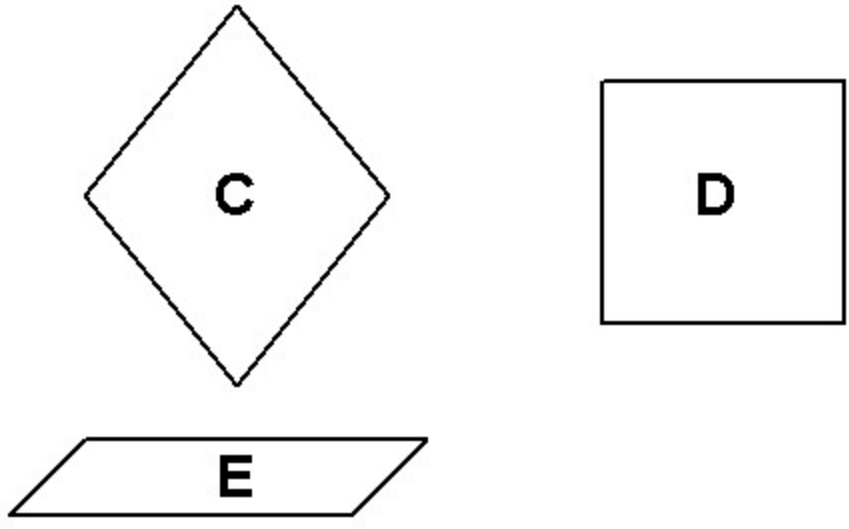
24.  Use pencil and paper to answer the question.

Comparing Areas

Carefully cut out each of the shapes below.



Unit 08 PC Form A



a. Arrange shapes A-D in order of their area. (You may not measure with a ruler). List the letters of the shapes from smallest to largest. If some shapes have the same area, write the letters next to each other and circle them.

b. Explain the steps you followed to figure out the order of each of the shapes. You may draw pictures to illustrate your steps.

c. Compare shapes A and E. Tell which has the larger area. Explain how you compared the shapes.

Name: _____ Class: _____ Date: _____

Unit 08 PC Form A