**Lesson 2 Entrance Ticket** Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Class Period: \_\_\_\_\_\_

Answer each question.

1. Describe *perimeter* and give a real-world example.
2. Describe *area* and give a real-world example.
3. Find the perimeter and area of the triangles below:

9 cm

9 cm

11 cm

7 cm

5 cm

12 cm

13 cm

Perimeter = \_\_\_\_\_\_\_\_\_\_

Area = \_\_\_\_\_\_\_\_\_\_

Perimeter = \_\_\_\_\_\_\_\_\_\_

Area = \_\_\_\_\_\_\_\_\_\_

1. Find the perimeter and area of the quadrilaterals below:

7 cm

9 cm

10 cm

6 cm

9 cm

9 cm

15 cm

8 cm

Perimeter = \_\_\_\_\_\_\_\_\_\_

Area = \_\_\_\_\_\_\_\_\_\_

Perimeter = \_\_\_\_\_\_\_\_\_\_

Area = \_\_\_\_\_\_\_\_\_\_

3.5 m m

9 m

Perimeter = \_\_\_\_\_\_\_\_\_\_

Area = \_\_\_\_\_\_\_\_\_\_

**ANSWER KEY Lesson 2 Entrance Ticket** Name:

Class Period: \_\_\_\_\_\_

Answer each question.

1. Describe *perimeter* and give a real-world example.

***The distance around the outside of a figure.***

***or The sum of all of a figures sides,***

***measured in units like centimeters or inches.***

***Examples will vary.***

1. Describe *area* and give a real-world example.

***The amount of space inside of a 2-dimensional figure,***

***measured in square units such as square centimeters or inches squared.***

***Examples will vary.***

1. Find the perimeter and area of the triangles below:

5 cm

12 cm

13 cm

9 cm

9 cm

11 cm

7 cm

Perimeter = **29 cm**

Area = **77 ÷ 2 = 39.5 cm2**

Perimeter = **30 cm**

Area = **30 cm2**

1. Find the perimeter and area of the quadrilaterals below:

7 cm

9 cm

10 cm

6 cm

9 cm

9 cm

15 cm

8 cm

Perimeter = **48 cm**

Area = **120 cm2**

Perimeter = **34 cm**

Area = **56 cm2**

3.5 m m

9 m

Perimeter = **25 cm**

Area = **31.5 cm2**