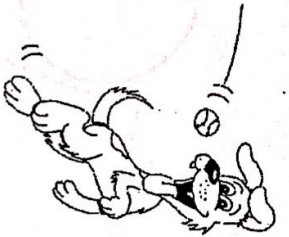


Name: _____ Class: _____ Date: _____

Fido & Baxter: Area and Perimeter affected by enlarging

Fido's current backyard is 13 feet by 7 feet. How much fence does it take to enclose his yard?



How much area does he have to run and play?

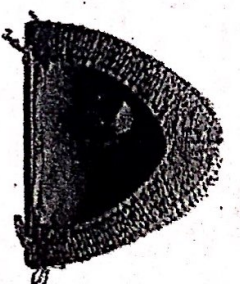
He is excited because he is moving to a new house that is double in length and width. How much fencing will his owners need to fence in his backyard?

How many times more fencing will he need at his new house?

How much area will Fido have to run and play now?

How many times bigger is the area of his yard at his new house?

Baxter, the cat, has an isosceles-triangle shaped house. The base of his house is 6 feet, the height is 4 feet and the sides are 5 feet. Use the triangle shaped front view of the house to answer the following questions.



How much wood is needed to make the frame of Baxter's house?

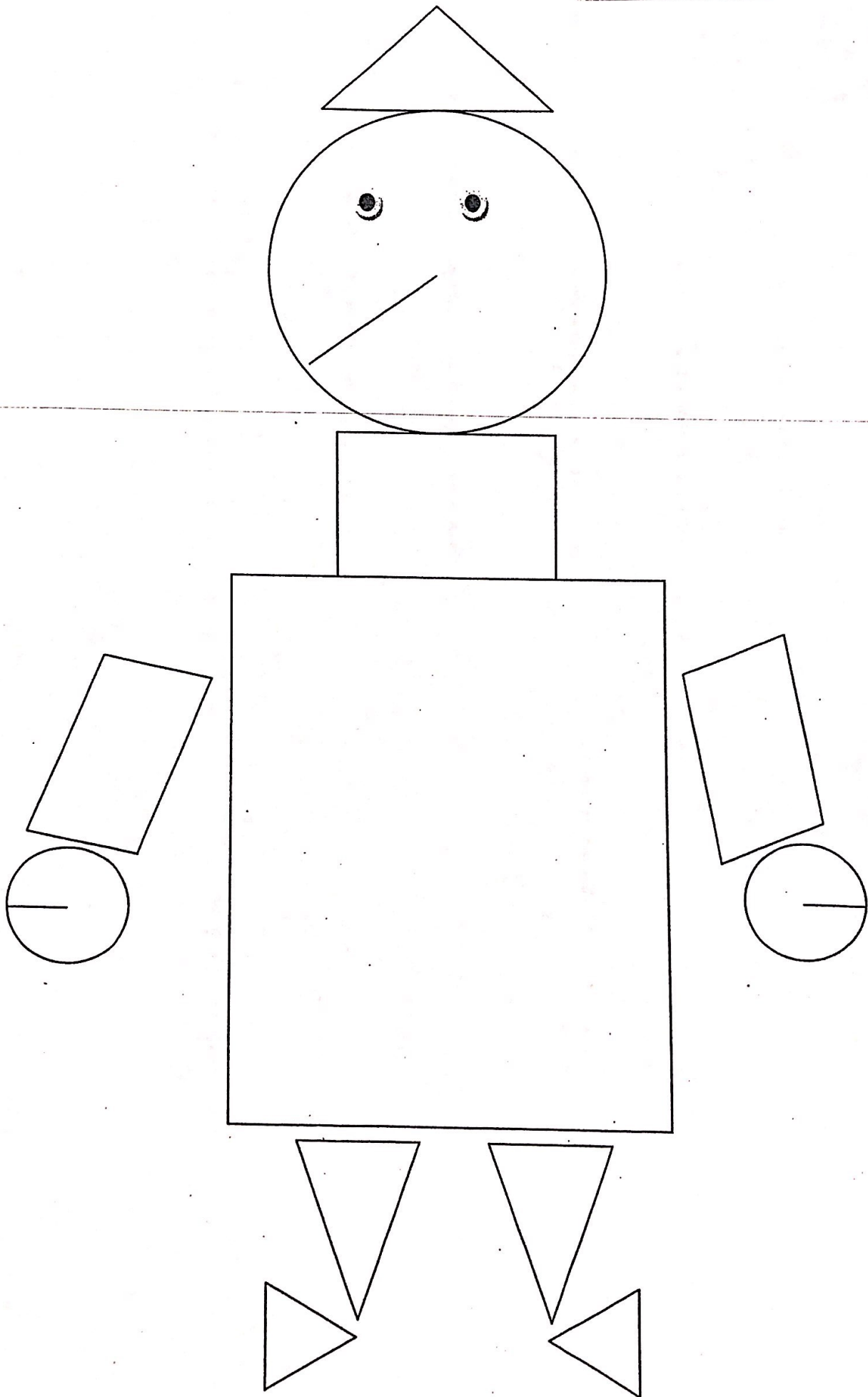
What is the area of Baxter's house (the 2D triangle front view)?

His owners decide to triple the dimensions of his house. How much wood will they need to make the frame of Baxter's house?

How many times more wood do his owners need to make the frame of his new house?

What is the area of Baxter's new house (the 2D triangle front view)?

How many times bigger is the area front view of Baxter's new house?



Geometry Greg Data Sheet

Directions: Find the perimeter or circumference and the area of each part. Label your answers correctly. Use cm when measuring.

Head:

Circumference Formula	Area Formula
Work	Work
Labeled Answer	Labeled Formula

Neck:

Perimeter Formula	Area Formula
Work	Work
Labeled Answer	Labeled Formula

Arms (2):

Perimeter Formula	Area Formula
Work	Work
Labeled Answer	Labeled Formula
Total Perimeter for Both Arms	Total Area for Both Arms

Body:

Perimeter Formula	Area Formula
Work	Work
Labeled Answer	Labeled Formula

Hands (2):

Perimeter Formula	Area Formula
Work	Work
Labeled Answer	Labeled Formula
Total Perimeter for Both Hands:	Total Area for Both Hands

Legs (2):

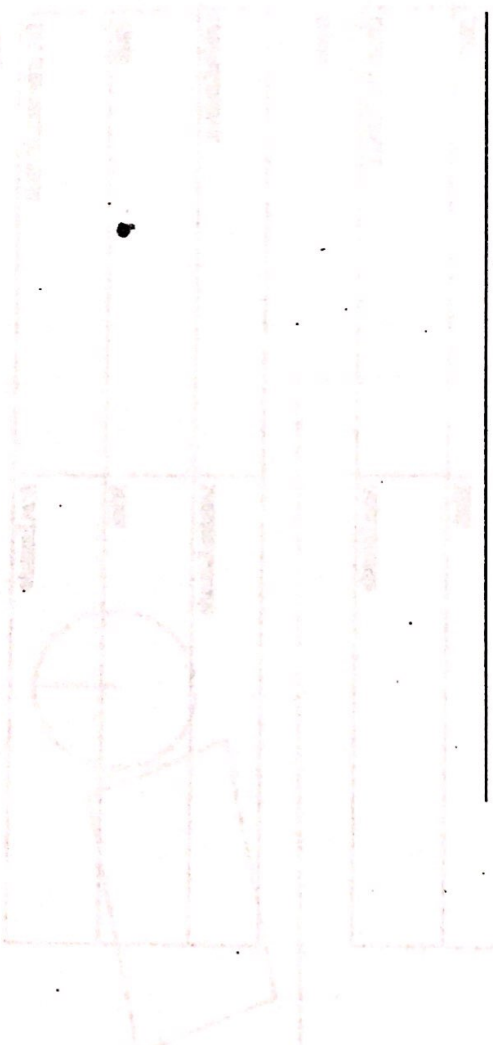
Perimeter Formula	Area Formula
Work	Work
Labeled Answer	Labeled Formula
Total Perimeter for Both Legs	Total Area for Both Legs

Perimeter Formula	Area Formula
Work	Work
Labeled Answer	Labeled Formula
Total Perimeter for Both Feet	Total Area for Both Feet

Hat:

Perimeter Formula	Area Formula
Work	Work
Labeled Answer	Labeled Formula

Total Area of Geometry Greg:



Name _____

Date _____

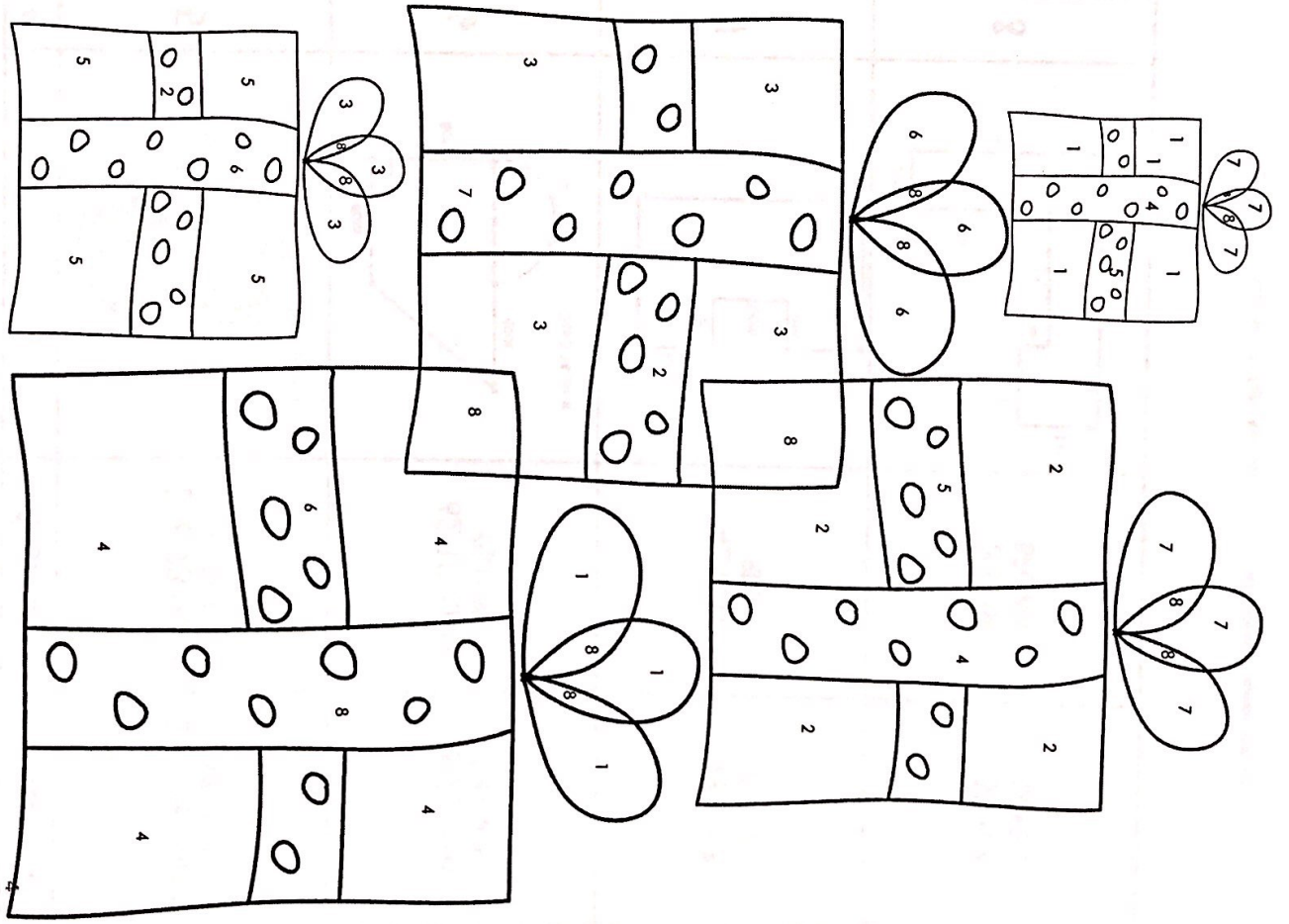
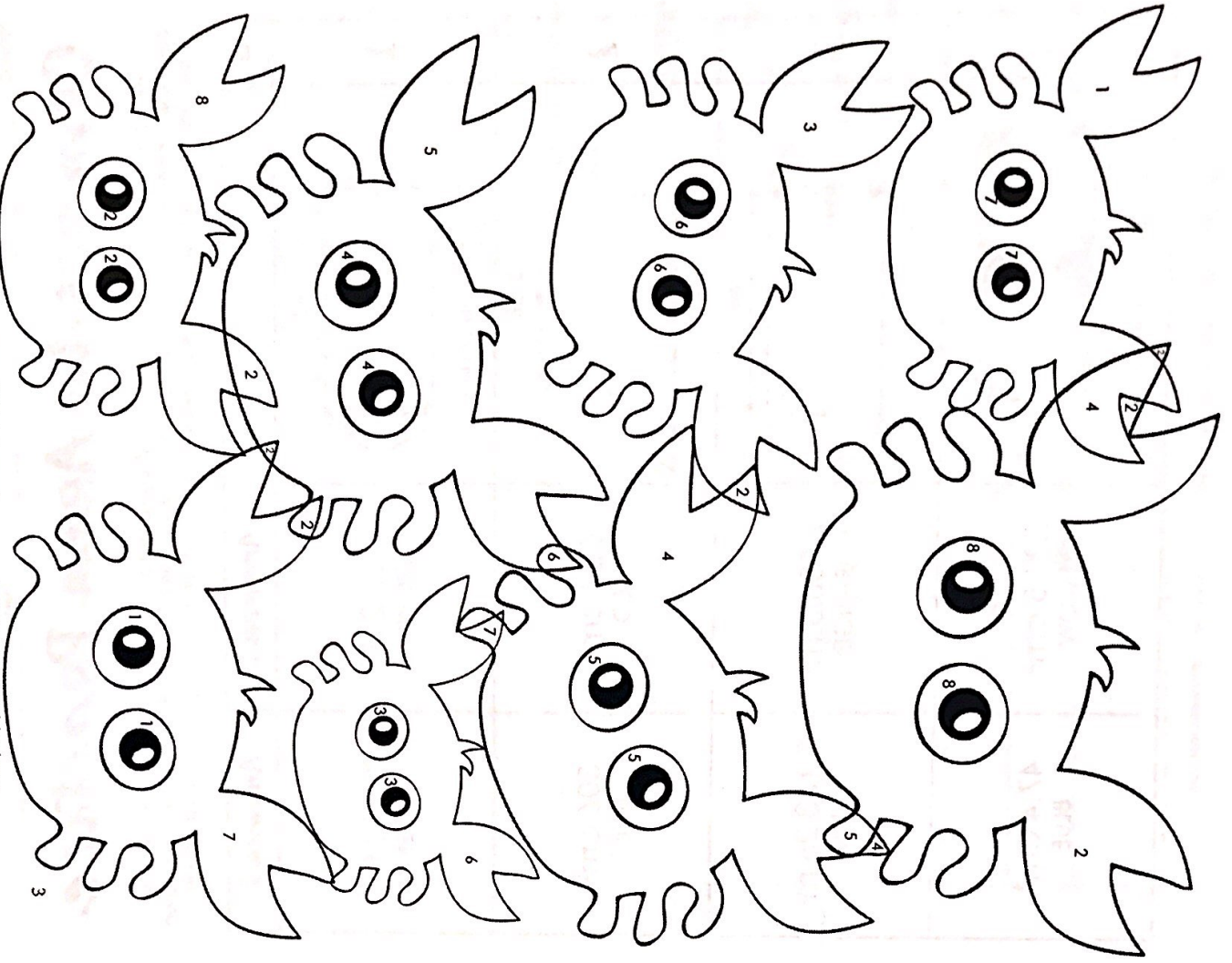
Composite Area Practice

Use what you know about finding area of regular shapes to determine the area of each composite figure. Find your answer in one of the two answer boxes. Find the problem number on the coloring page and color each section with the color that corresponds to your answer.

#		Answer 1	Answer 2
1		213.12 ft. ² BROWN	325.12 ft. ² GREEN
2		222 cm ² RED	306 cm ² BLUE
3		2,506.5 m ² ORANGE	2,153.25 m ² PURPLE
4		220.5 cm ² YELLOW	47.4 cm ² BLUE

#		Answer 1	Answer 2
5		216.93 mm ² PURPLE	293.86 mm ² YELLOW
6		62.13 cm ² YELLOW	76.26 cm ² ORANGE
7		42 cm ² RED	48 cm ² BLACK
8		33 m ² BROWN	53 m ² GREEN

Composite Area Practice



pg. 6

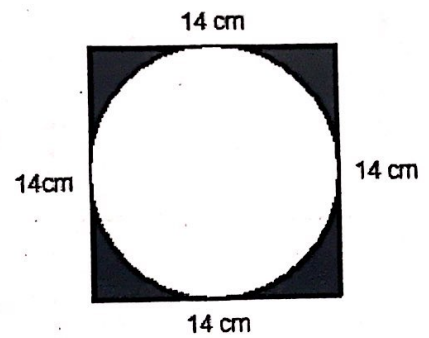
Name : _____

Date : _____

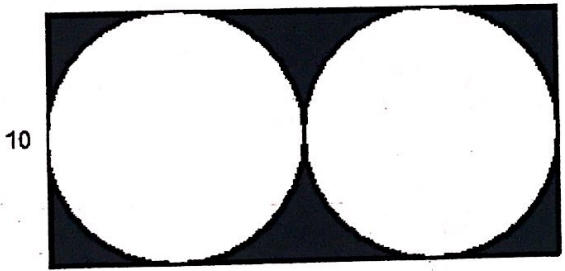
- 1) Find the area of the shaded region if the big diameter is 12 in, and the small diameter is 8 in.



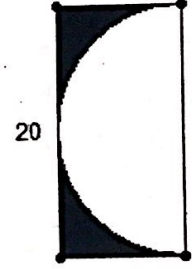
- 2) Find the area of the shaded region.



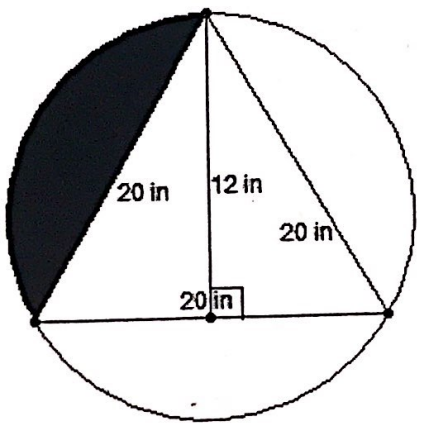
- 3) Find the area of the shaded region:



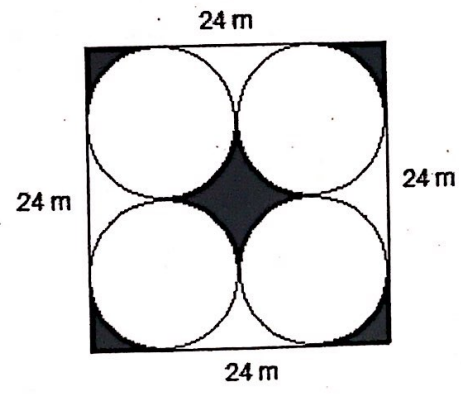
- 4) Find the area of the shaded region



- 5) Find the area of the shaded region if the radius of the circle is 9 in,



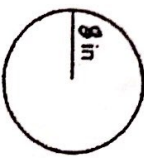
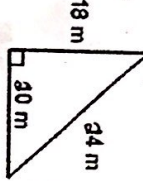
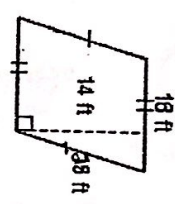
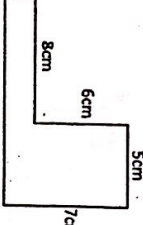
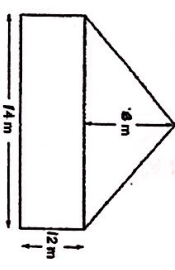
- 6) Find the area of the shaded region

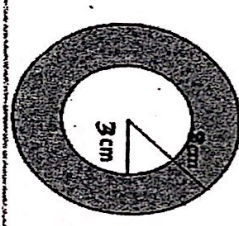
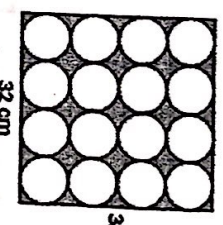
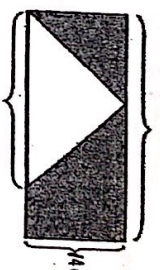
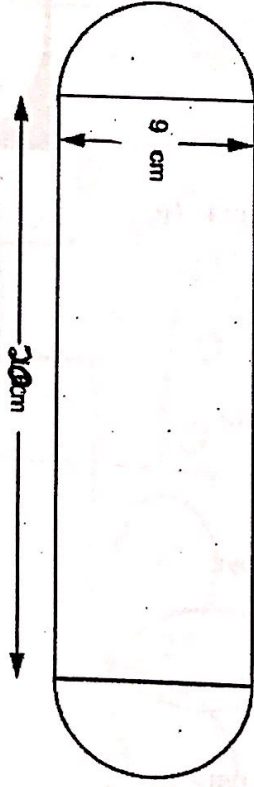


Area, Perimeter and Circumference

Study Guide

Name: _____ Date: _____

<p>1.) </p> <p>C = _____</p> <p>A = _____</p>	<p>2.) </p> <p>P = _____</p> <p>A = _____</p>	<p>3.) </p> <p>P = _____</p> <p>A = _____</p>
<p>4.) </p> <p>Area = _____ square cm (cm²)</p> <p>Perimeter = _____ m</p>	<p>5.) </p> <p>Total Area = _____</p>	<p>6.) You ride a Ferris wheel that has a circumference of 108 feet. Estimate the diameter of the Ferris wheel.</p> <p>D = _____</p>

<p>7.) </p> <p>Find Area of Shaded Region</p> <p>= _____</p>	<p>8.) </p> <p>Find Area of Shaded Region</p> <p>A = _____</p>	<p>9.) </p> <p>Find Area of Shaded Region</p> <p>A = _____</p>
<p>10.) </p> <p>Area = _____</p> <p>Perimeter = _____</p>		