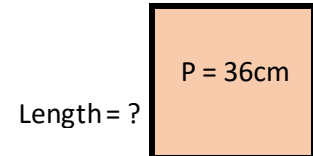Name: _____ Period: _____ Date: _____

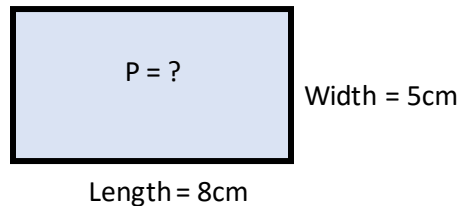# Perimeter, Circumference, and Area Guided Notes

1. The perimeter of the shape refers to the length of its _____.

2. The perimeter of a square is _____ times the length. A square having a perimeter of 36cm
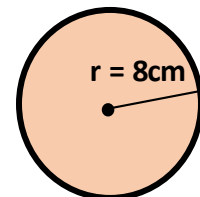
will have a side length _____.

P = 36cm

Length = ?

3. The perimeter of a rectangle is given by the formula _____.

A rectangle having length 8cm and width 5cm will have a perimeter of _____.

P = ?

Width = 5cm

Length = 8cm

4. The circumference of a circle is given by the formula _____. If the radius of a

circle is 8cm, its circumference is _____.

r = 8cm

5. The _____ of a shape defines the space within the boundary of that shape. The

area of a rectangle is _____ × _____. A rectangle having Area of 36cm^2 and

length of 9cm has a width of _____.

Area = 36cm^2

Width = ?

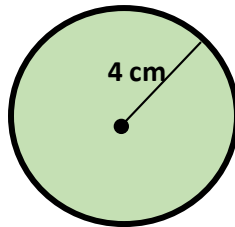Length = 9cm

1

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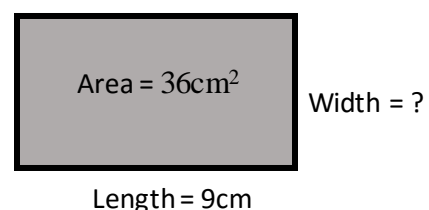
Perimeter, Circumference, and Area Guided Notes

6. The area of a triangle is given by the formula _____. The triangle

shown in the figure below has an area _____.

8 cm

12 cm
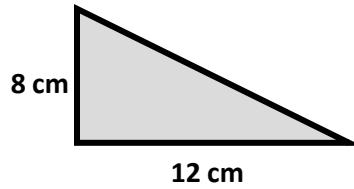
7. The area of a circle has the formula _____. The area of the circle shown
below is _____.

4 cm

8. The area of a square has the formula _____. The length of the square

with area 100cm^2 is _____.

Length = ?   A = 100cm^2

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