 Name _____ Date _____ Per _____

Area and Perimeter Formulas

GUIDED NOTES

UNIT 8: MEASUREMENT · 4.MD.A.3

LEARNING TARGET

I can use formulas to find the area and perimeter of rectangles and find an unknown side.

☐ Perimeter Formula ☐ Area Formula ☐ Find an Unknown Side

VOCABULARY

perimeter
the _____ a figure

area
the number of _____ that cover a figure

formula
a rule that uses _____ to show how to find a value

length
the measure of the _____ side of a rectangle

width
the measure of the _____ side of a rectangle

square unit
a square with sides _____ long, used to measure area

KEY IDEAS

◇ Perimeter of a rectangle: _____

◇ Area of a rectangle: _____

◇ Perimeter is measured in units; area is measured in _____.

WORKED EXAMPLES

EXAMPLE ① *Perimeter Formula*

Find the perimeter of the rectangle.



① $P = 2 \times l + 2 \times w$

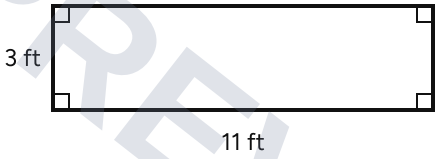
② $P = 2 \times 9 + 2 \times 4 = 18 + 8$

③ $P =$ _____ feet

Answer: _____

YOU TRY ①

Find the area of a rectangle with length 11 ft and width 3 ft.



Answer: _____

Preview - the full worksheet and its answer key are at primeworksheet.com