

AMERICAN MATH HW
WEEK OF March 30-April 3

Due Date: Sunday, 4/05 by midnight

Focus for the week: The focus of the HW this week is area, combined rectangles, and finding unknown measures.

Pacing guideline: Look at the top right corner of the page for the suggested pace.

Uploading Instructions: Homework will be accepted only through Archie. Upload homework on Archie and wait till you get the message – “**the file has been successfully uploaded**”. If for any reason you have technical issues, get in touch with me as soon as possible.

Paper homework is accepted for valid reasons. In such cases, parents should reach out via email to inform about the same.

IMPORTANT – Please show ALL YOUR WORK done to find the answer to any problem to earn FULL CREDIT. No credit is earned when only final answer is written and no work is shown.

Note: Bring your homework to class everyday. I will discuss the HW from the previous day in every class. It is important to practice the assigned topics daily because the next day’s instruction builds on the previous lesson.

ANNOUNCEMENT – Quiz on Tue 04/07 on content covered last week.

Additional Practice Material (Optional):

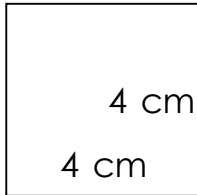
- 1) IXL practice:
 - i. Go to IXL.com on any web browser OR IXL app on iPad
 - ii. Login using following credentials:
 - Username – your_archie_username@archimedeanacad
 - Password – archie199
 - iii. Go to Learning> Skills> Fourth Grade Math
 - iv. Practice modules –
Fourth Grade : HH, II

Rectangles - area and perimeter (metric)

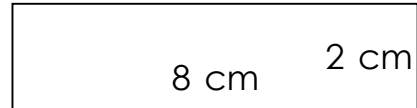
Grade 4 Geometry Worksheet

Find the perimeter and area of each rectangle.

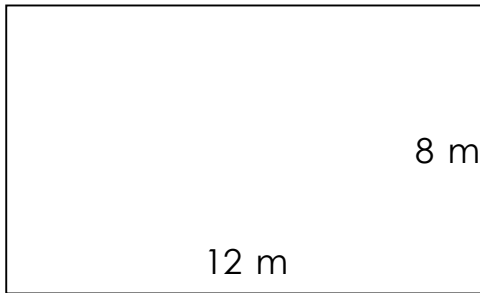
1)



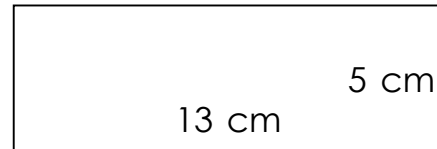
2)



3)



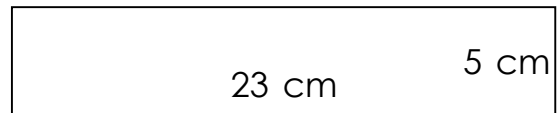
4)



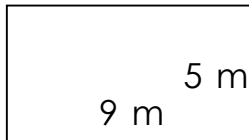
5)



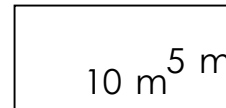
6)



7)



8)



Rectangles - area and perimeter

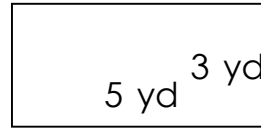
Grade 4 Geometry Worksheet

Find the perimeter and area of each rectangle.

1)



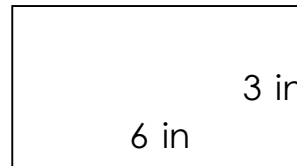
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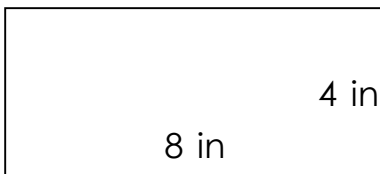
3)



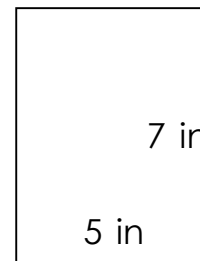
4)



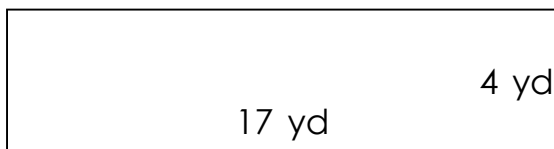
5)



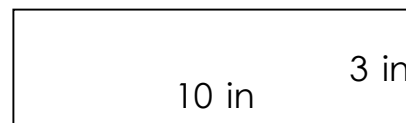
6)



7)



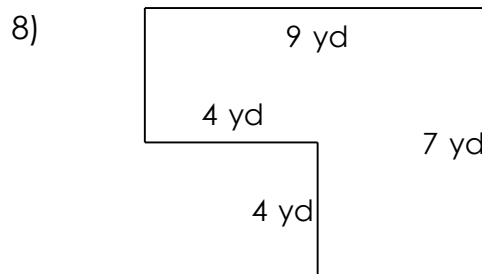
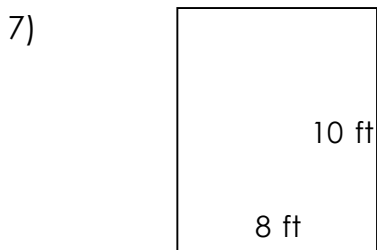
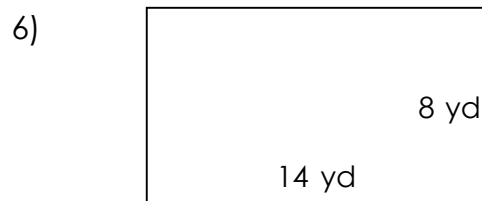
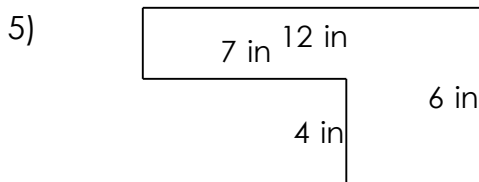
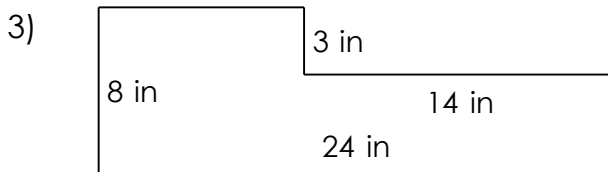
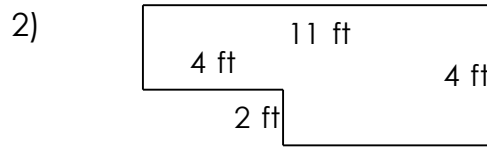
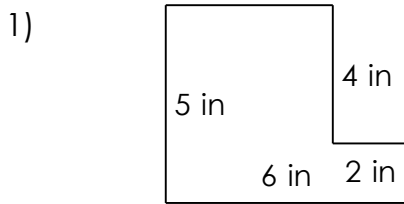
8)



Rectangular shapes - area and perimeter

Grade 4 Geometry Worksheet

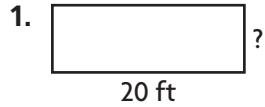
Find the perimeter and area of each rectangular shape.



Find Unknown Measures

Go Online

Interactive Examples

Find the unknown measure of the rectangle.


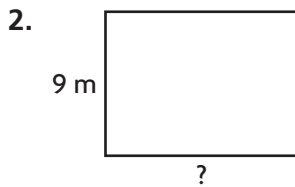
Perimeter = 54 feet

width = 7 feet

Think: $P = (2 \times l) + (2 \times w)$

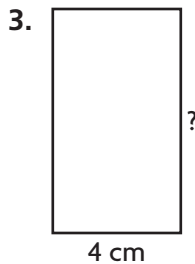
$54 = (2 \times 20) + (2 \times w)$

$54 = 40 + (2 \times w)$

 Since $54 = 40 + 14$, $2 \times w = 14$, and $w = 7$.


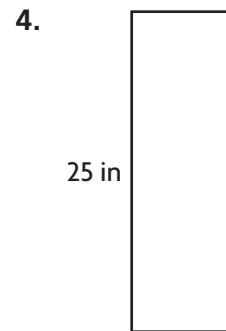
Perimeter = 42 meters

length = _____



Area = 28 square centimeters

height = _____




Area = 200 square inches

base = _____

Problem Solving

5. Ana is an organic vegetable grower. The perimeter of her rectangular vegetable garden is 72 yards. The width of the vegetable garden is 9 yards. How long is the vegetable garden?
- _____

6.  **WRITE** *Math* Write a problem that involves finding the unknown measure of a side of a rectangle. Include the solution.
- _____
- _____
- _____

Lesson Check

7. The area of a rectangular photograph is 35 square inches. If the width of the photo is 5 inches, how tall is the photo?
8. Nguyen used 112 inches of blue yarn as a border around her rectangular bulletin board. If the bulletin board is 36 inches wide, how long is it?

Spiral Review

9. A professional basketball court is in the shape of a rectangle. It is 50 feet wide and 94 feet long. A player runs one time around the edge of the court. How far does the player run?
10. Order from least to greatest.
42,876; 45,021; 4,509
11. Hakeem's frog made three quick jumps. The first was 1 meter. The second jump was 85 centimeters. The third jump was 400 millimeters. What was the total length in centimeters of the frog's three jumps?
12. Karen colors in squares on a grid. She colored $\frac{1}{8}$ of the squares blue and $\frac{5}{8}$ of the squares red. What fraction of the squares are not colored in?