Lesson 12.3 Practice: Perimeter and Area

School Launch · Pre-Algebra · Unit 12: Geometry · Worksheet A

No calculator

Name _____ Date _____ Score _____ / 10

Show your work under each problem, one step per line, and check your answer. Word problems: name the unknown, write the equation, solve, and answer in a sentence with units.

1. Find the area of a rectangle with base 3 cm and height 20 cm. EASY

2. Find the area of a kite with diagonals 10 and 4 in. EASY

3. Find the area of a triangle with base 6 cm and height 6 cm. EASY

4. Find the area of a kite with diagonals 13 and 9 in. MEDIUM

5. Find the area of a triangle with base 18 cm and height 24 cm. MEDIUM

6. Find the area of a kite with diagonals 15 and 17 in. MEDIUM

7. Find the area of a triangle with base 12 cm and height 4 cm. MEDIUM

8. Find the area of a rhombus with diagonals 3 and 10 in. HARD

9. A rectangular lawn is 20 ft by 18 ft with a 3 ft by 2 ft rectangular flower bed cut out. A bag of seed covers 50 sq ft. How many bags are needed? HARD

10. Find the area of a trapezoid with bases 17 and 15 m and height 10 m. HARD