Ratio and Rate Problems

FLORIDA GRADE 6 MATH | B.E.S.T. BENCHMARK MA.6.AR.3.5 | STUDENT WORKSHEET

Name: _____ **Date:** _____

Directions: Solve each problem. Show your work in the space provided.

1. On a map, 1 inch represents 25 miles. How many miles do 3.5 inches represent?

2. A recipe uses 2 eggs for every 3 cups of flour. How many eggs go with 9 cups of flour?

3. 2.5 kilometers = ___ meters

4. Who is faster: Ann runs 150 meters in 30 seconds and Bo runs 200 meters in 50 seconds?

5. A rectangle's length and width are in the ratio 5:3. The width is 12 cm. What is the length?

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Answer Key

1. 87.5 miles

3.5 × 25 = 87.5

2. 6 eggs

9 ÷ 3 = 3, and 3 × 2 = 6

3. 2,500 meters

2.5 × 1,000 = 2,500

4. Ann

5 meters per second vs. 4 meters per second

5. 20 cm

12 ÷ 3 = 4, and 5 × 4 = 20

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