Exploring Area

FLORIDA GRADE 3 MATH | B.E.S.T. BENCHMARK MA.3.GR.2.1 | STUDENT WORKSHEET

Name: _____ **Date:** _____

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

1. A rectangle is covered by 2 rows of 7 unit squares. What is its area?

2. Each square is 1 square centimeter. A rectangle is covered by 5 rows of 5 squares. What is its area?

3. A rectangle is covered by 6 rows of 4 unit squares with no gaps or overlaps. What is its area?

4. Rectangle A has 3 rows of 8 unit squares. Rectangle B has 4 rows of 6 unit squares. Which has the greater area?

5. Why must unit squares cover a figure with no gaps or overlaps?

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Answer Key

1. 14 square units

2. 25 square centimeters

3. 24 square units

4. They have the same area

Both are 24 square units.

5. So every part is counted exactly once

Gaps would leave space out; overlaps would count space twice.

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