Surface Area Using Nets

FLORIDA GRADE 6 MATH | B.E.S.T. BENCHMARK MA.6.GR.2.4 | STUDENT WORKSHEET

Name: _____ **Date:** _____

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

1. Find the surface area of a cube with edges of 4 inches.

2. Find the surface area of a prism that is 8 by 2 by 3 units.

3. A pyramid has a 10 ft by 10 ft square base, and each triangular face has a height of 12 ft. Find its surface area.

4. Find the surface area of a prism that is 2.5 by 2 by 4 meters.

5. A pyramid has a 6 in by 4 in base. The triangles on the 6-in sides have height 5 in, and the triangles on the 4-in sides have height 6 in. Find its surface area.

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Answer Key

1. 96 square inches

$6 \times (4 \times 4) = 96$

2. 92 square units

$2 \times 16 + 2 \times 24 + 2 \times 6 = 92$

3. 340 square feet

$100 + 4 \times 60 = 340$

4. 46 square meters

$2 \times 5 + 2 \times 10 + 2 \times 8 = 46$

5. 78 square inches

$24 + 2 \times 15 + 2 \times 12 = 78$

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