Name _____ Date _____ Period _____

LESSON 5-2 · WARM-UP

Warm-Up Practice

Determine the Area of Triangles

THE MOVE

what this page practices

Multiply base × height, then take half

Multiply the base by the height the way you would for a rectangle. Then take half of that product.

Use the height drawn perpendicular to the base

The height is measured straight in from the base at a right angle. A slanted side of the triangle is not the height.

WORKED MODEL

we do this one together

Step 1	A triangle has base 7 m and height 4 m.
Step 2	First multiply the base and the height: 7 × 4 = _____
Step 3	Then take half of that: 1/2 × 28 = _____
Step 4	Area = _____ square meters

YOUR TURN

8 items · about 10 minutes

1. A triangle has base 6 cm and height 5 cm. Area = _____

ANSWER _____

2. A triangle has base 10 in and height 9 in. Area = _____

ANSWER _____

3. A triangle has base 12 ft and height 7 ft. Area = _____

ANSWER _____

4. A triangle has base 5 m and height 8 m. Area = _____

ANSWER _____

5. A triangle has base 9 cm, height 4 cm, and slanted side 6 cm. Area = _____

ANSWER _____

6. A triangle has base 15 in and height 6 in. Area = _____

ANSWER _____

7. A triangle has an area of 30 square meters and a base of 10 m. Its height = _____

ANSWER _____

8. A triangular flag has a base of 14 in and a height of 11 in measured perpendicular to that base. How much fabric does it need? _____

ANSWER _____