Name _____ Date _____ Period _____

LESSON 5-3 · WARM-UP

Warm-Up Practice

Determine the Area of Trapezoids

THE MOVE

what this page practices

Evaluate 1/2 × (a + b) × h

Add inside the parentheses first. Then multiply by 1/2. Then multiply by the height.

WORKED MODEL

we do this one together

Step 1	1/2 × (6 + 10) × 4
Step 2	= 1/2 × _____ × 4
Step 3	= _____ × 4
Step 4	= _____

YOUR TURN

8 items · about 10 minutes

1. 1/2 × (4 + 8) × 5 = _____

ANSWER _____

2. 1/2 × (3 + 7) × 6 = _____

ANSWER _____

3. 1/2 × (5 + 9) × 8 = _____

ANSWER _____

4. 1/2 × (12 + 6) × 10 = _____

ANSWER _____

5. 1/2 × (11 + 5) × 3 = _____

ANSWER _____

6. 1/2 × (2 + 14) × 7 = _____

ANSWER _____

7. Fill the blank so the sentence is true: 1/2 × (6 + _____) × 5 = 40

ANSWER _____

8. A trapezoid has parallel sides of 7 in and 13 in, and a height of 6 in. Area = _____

ANSWER _____