Name _____ Date _____ Period _____

LESSON 9-1 · WARM-UP

Warm-Up Practice

Explore Relationships Between Two Variables

THE MOVE

what this page practices

Complete a table of values from a rule

Put each x into the rule. Do the arithmetic. Write the answer as that row's y.

WORKED MODEL

we do this one together

Step 1	Rule: y = 2x, where x is songs and y is total cost in dollars.
Step 2	When x = 1: y = 2 × 1 = 2
Step 3	When x = 2: y = 2 × _____ = _____
Step 4	When x = 3: y = 2 × 3 = _____

YOUR TURN

8 items · about 10 minutes

1. y = 5x. Find y for x = 1, 2, 3: _____, _____, _____

ANSWER _____

2. y = 4x. Find y for x = 2, 3, 5: _____, _____, _____

ANSWER _____

3. y = x + 6. Find y for x = 0, 3, 9: _____, _____, _____

ANSWER _____

4. y = 10x. Find y for x = 4, 7, 12: _____, _____, _____

ANSWER _____

5. One bus holds 30 riders, so y = 30x, where x is the number of buses. Find y for x = 2, 5, 8: _____, _____, _____

ANSWER _____

6. y = 2x + 1. Find y for x = 1, 4, 6: _____, _____, _____

ANSWER _____

7. y = 6x. One row of the table has y = 42. In that row, x = _____

ANSWER _____

8. Songs cost $2 each. The rule is y = _____x. Use it: 6 songs cost $_____

ANSWER _____