Name _____ Date _____ Period _____

LESSON 2-7 · WARM-UP

Warm-Up Practice

Divide Decimals Using an Algorithm

THE MOVE

what this page practices

Divide whole numbers

Use a known fact when you see one. Otherwise divide place by place, largest place first.

Multiply or divide by 10, 100, or 1000 by moving the decimal point

Multiplying moves the point right; dividing moves it left. One place for 10, two for 100, three for 1000.

WORKED MODEL

we do this one together

Step 1	84 ÷ 4: 8 ÷ 4 = 2 and 4 ÷ 4 = 1, so 84 ÷ 4 = 21.
Step 2	0.6 × 100 moves the point two places right: _____
Step 3	4.8 ÷ 2: 48 ÷ 2 = 24, so 4.8 ÷ 2 = _____
Step 4	60 ÷ 100 moves the point two places left: _____

YOUR TURN

8 items · about 10 minutes

1. 96 ÷ 8 = _____
ANSWER _____

2. 7.2 ÷ 6 = _____
ANSWER _____

3. 3.5 × 10 = _____
ANSWER _____

4. 0.45 × 100 = _____
ANSWER _____

5. 128 ÷ 4 = _____
ANSWER _____

6. 25.6 ÷ 100 = _____
ANSWER _____

7. _____ ÷ 100 = 0.07
ANSWER _____

8. 9.3 ÷ 6 = _____
ANSWER _____