Name_____ Date_____ Period_____

**LESSON 4-3 · SESSION 2 · PREREQUISITE PRACTICE A · SKILL 1 OF 2**

# Divide by 10 and 100

Builds on Grade 5

| | |
|---|---|
| **TODAY'S LESSON** | You will estimate 10% of $78.90 by finding 10% of $80. |
| **YOU NEED TO** | Divide a number like 80 by 10 or by 100. **You will use it in Practice, problems 3 and 8.** |

## STEPS TO FOLLOW

*use these same steps on every problem*

**1** Find the **decimal point**. In 320, it is after the 0.

**2** ÷ 10: move it **one place** left. ÷ 100: two places left.

**3** Drop **zeros** at the end, after the point.

## WATCH ME

*the steps in action*

**Find 320 ÷ 10.**

**Step 1** The point is after the 0: 320.

**Step 2** ÷ 10, so move it one place left: 32.0.

**Step 3** Drop the end zero: 32.

**Answer** **320 ÷ 10 = 32**

## TRY IT WITH HELP

*fill in each step*

**1.** Find 450 ÷ 100.

**Step 1** The point is after the _____.

**Step 2** Move it _____ places left: _____

**Step 3** Drop the end zero: _____

**2.** Find 60 ÷ 10.

**Step 1** The point is after the _____.

**Step 2** Move it _____ place left: _____

**Step 3** Drop the end zero: _____

## YOUR TURN

*use the steps on your own*

**3.** Divide.

**a.** 240 ÷ 10 = _____ **b.** 600 ÷ 100 = _____ **c.** 85 ÷ 10 = _____

**d.** 320 ÷ 100 = _____ **e.** 1,500 ÷ 10 = _____ **f.** 75 ÷ 100 = _____

# Round to Compatible Numbers

Builds on Grade 4

| | |
|---|---|
| **TODAY'S LESSON** | You will round 183 pounds to 180 before you estimate. |
| **YOU NEED TO** | Round a number to the nearest ten, like 237 to 240. **You will use it in Practice, problems 2 and 5.** |

## STEPS TO FOLLOW

*use these same steps on every problem*

1. Find the **tens** digit. Look at the digit to its right.
2. **5 or more**: add 1 to the tens. Less than 5: keep it.
3. Write a **zero** in the ones place.

## WATCH ME

*the steps in action*

**Round 237 to the nearest ten.**

**Step 1** The tens digit is 3. The digit to its right is 7.

**Step 2** 7 is 5 or more, so 3 becomes 4.

**Step 3** Write a zero: 240.

**Answer** **237 rounds to 240.**

## TRY IT WITH HELP

*fill in each step*

**4.** Round 418 to the nearest ten.

**Step 1** Tens digit: _____. Digit to its right: _____.

**Step 2** Is the digit to the right 5 or more? _____ So the tens digit is now _____.

**Step 3** Write a zero: _____

**5.** Round 152 to the nearest ten.

**Step 1** Tens digit: _____. Digit to its right: _____.

**Step 2** Is the digit to the right 5 or more? _____ So the tens digit is now _____.

**Step 3** Write a zero: _____

## YOUR TURN

*use the steps on your own*

**6.** Round each number to the nearest ten.

**a.** 183 _____ **b.** 79 _____ **c.** 158 _____

**d.** 205 _____ **e.** 394 _____ **f.** 21 _____

## READY CHECK

*a problem like the one in today's lesson*

**7.** You want to estimate 19% of 148. Which friendly numbers fit best?

**A** 20% of 150 **B** 20% of 100 **C** 25% of 200 **D** 19% of 100

**CHECK YOURSELF** ☐ I can do this on my own ☐ I need a little help ☐ I have a question about #____