



## Decimal Operations: Add, Subtract, Multiply, Divide

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Grade: Grade 5

### Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: To estimate  $4.87 + 3.14$ , round both to the nearest ten:  $0 + 0 = 0$ .

Rewrite: \_\_\_\_\_

2. Fix the sentence:  $9.52$  rounded to the nearest whole number is 9 because the tenths digit is 5.

Rewrite: \_\_\_\_\_

3. Fix the sentence: Estimating  $7.8 \times 4.2$  gives about 28 because  $7 \times 4 = 28$ .

Rewrite: \_\_\_\_\_

### Part B: Fill in the Blank

Write the missing word or number on each line.

- 6.49 rounded to the nearest whole number is \_\_\_\_\_.
- To estimate  $11.7 - 4.3$ , round each to get \_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_.
- 3.45 rounded to the nearest tenth is \_\_\_\_\_.
- An estimate for  $5.1 \times 7.9$  using rounding is about \_\_\_\_\_.

### Part C: Short Answer

Answer each question in one or two complete sentences.

1. A shirt costs \$14.89 and socks cost \$6.25. Estimate the total. Is \$20 enough to buy both?

---

---

2. Why is estimation useful before computing an exact decimal answer?

---

---

**Part A: Fix the Sentence**

---

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: To estimate  $4.87 + 3.14$ , round both to the nearest ten:  $0 + 0 = 0$ .

Rewrite: **To estimate  $4.87 + 3.14$ , round both to the nearest whole number:  $5 + 3 = 8$ .**

---

2. Fix the sentence:  $9.52$  rounded to the nearest whole number is 9 because the tenths digit is 5.

Rewrite:  **$9.52$  rounded to the nearest whole number is 10 because the tenths digit 5 means you round up.**

---

3. Fix the sentence: Estimating  $7.8 \times 4.2$  gives about 28 because  $7 \times 4 = 28$ .

Rewrite: **Estimating  $7.8 \times 4.2$  gives about 32 because  $8 \times 4 = 32$  when you round 7.8 up to 8.**

---

**Part B: Fill in the Blank**

---

Write the missing word or number on each line.

1. 6.49 rounded to the nearest whole number is 6.

2. To estimate  $11.7 - 4.3$ , round each to get 12 - 4 = 8.

3. 3.45 rounded to the nearest tenth is 3.5.

4. An estimate for  $5.1 \times 7.9$  using rounding is about 40.

**Part C: Short Answer**

---

Answer each question in one or two complete sentences.

1. A shirt costs \$14.89 and socks cost \$6.25. Estimate the total. Is \$20 enough to buy both?

*Round to  $\$15 + \$6 = \$21$ , so \$20 is probably not enough. The exact total is \$21.14.*

---

---

2. Why is estimation useful before computing an exact decimal answer?

*Estimation gives a rough answer first, so you can check whether your exact calculation is reasonable and catch mistakes.*

---