



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 7.8×4.2 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 5.1×7.9 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?

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Rewrite: _____

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 5.1×7.9 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?

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

