



# Estimation Strategies

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: Round 2.367 to the nearest tenth: 2.3 because we drop the rest.

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

2. Fix the sentence: Round \$4.78 to the nearest dollar: \$4 because we keep the whole part.

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

3. Fix the sentence: Estimate \$3.49 plus \$2.51 by rounding to \$3 and \$2 to get \$5.

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

## Part B: Fill in the Blank

Write the missing word or number on each line.

1. Round 5.482 to the nearest tenth to get \_\_\_\_\_.
2. Round 7.234 to the nearest hundredth to get \_\_\_\_\_.
3. Estimate \$6.89 plus \$2.10 by rounding to whole dollars to get \$ \_\_\_\_\_.
4. If a snack costs \$3.78 and you pay with \$5, estimated change is about \$ \_\_\_\_\_.

## Part C: Short Answer

Answer each question in one or two complete sentences.

1. Explain how to round 9.456 to the nearest hundredth in Grade 5.

\_\_\_\_\_  
\_\_\_\_\_

2. Why is rounding to the nearest dollar useful when estimating a grocery total?

\_\_\_\_\_  
\_\_\_\_\_

### Part A: Fix the Sentence

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

1. Fix the sentence: Round 2.367 to the nearest tenth: 2.3 because we drop the rest.

Rewrite: Round 2.367 to the nearest tenth: 2.4 because the hundredths digit is 6.

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2. Fix the sentence: Round \$4.78 to the nearest dollar: \$4 because we keep the whole part.

Rewrite: Round \$4.78 to the nearest dollar: \$5 because \$.78 is closer to one dollar.

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3. Fix the sentence: Estimate \$3.49 plus \$2.51 by rounding to \$3 and \$2 to get \$5.

Rewrite: Estimate \$3.49 plus \$2.51 by rounding to \$3 and \$3 to get \$6.

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### Part B: Fill in the Blank

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Write the missing word or number on each line.

1. Round 5.482 to the nearest tenth to get 5.5 .
2. Round 7.234 to the nearest hundredth to get 7.23 .
3. Estimate \$6.89 plus \$2.10 by rounding to whole dollars to get \$ 9 .
4. If a snack costs \$3.78 and you pay with \$5, estimated change is about \$ 1 .

### Part C: Short Answer

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Answer each question in one or two complete sentences.

1. Explain how to round 9.456 to the nearest hundredth in Grade 5.

*Look at the thousandths digit, which is 6. Because 6 is 5 or greater, round the hundredths digit up from 5 to 6, giving 9.46.*

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2. Why is rounding to the nearest dollar useful when estimating a grocery total?

*Rounding to whole dollars makes mental math fast and gives a close total. Shoppers can quickly check if they have enough money before reaching the register.*

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