



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 0.847 to the nearest tenth: 0.7 because we cut off the extras.

Rewrite: _____

2. Fix the sentence: Estimate \$1.99 plus \$4.05 as \$1 plus \$4, totaling \$5.

Rewrite: _____

3. Fix the sentence: Round 12.345 to the nearest hundredth: 12.34 by ignoring the last digit.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

1. Round 3.629 to the nearest tenth to get _____.
2. Round 8.475 to the nearest hundredth to get _____.
3. Estimate \$9.85 plus \$4.10 by rounding to whole dollars to get \$ _____.
4. If a book costs \$7.20 and you pay with \$10, estimated change is about \$ _____.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. How would a Grade 5 student round 4.572 to the nearest tenth, and why?

2. Describe how to estimate the total of three items priced \$2.95, \$1.80, and \$4.10.

Part A: Fix the Sentence

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

1. Fix the sentence: Round 0.847 to the nearest tenth: 0.7 because we cut off the extras.

Rewrite: Round 0.847 to the nearest tenth: 0.8 because the hundredths digit is 4.

2. Fix the sentence: Estimate \$1.99 plus \$4.05 as \$1 plus \$4, totaling \$5.

Rewrite: Estimate \$1.99 plus \$4.05 as \$2 plus \$4, totaling \$6.

3. Fix the sentence: Round 12.345 to the nearest hundredth: 12.34 by ignoring the last digit.

Rewrite: Round 12.345 to the nearest hundredth: 12.35 because the thousandths digit is 5.

Part B: Fill in the Blank

Write the missing word or number on each line.

1. Round 3.629 to the nearest tenth to get 3.6 .
2. Round 8.475 to the nearest hundredth to get 8.48 .
3. Estimate \$9.85 plus \$4.10 by rounding to whole dollars to get \$ 14 .
4. If a book costs \$7.20 and you pay with \$10, estimated change is about \$ 3 .

Part C: Short Answer

Answer each question in one or two complete sentences.

1. How would a Grade 5 student round 4.572 to the nearest tenth, and why?

Look at the hundredths digit, which is 7. Since 7 is greater than 5, the tenths digit rounds up from 5 to 6, giving 4.6.

2. Describe how to estimate the total of three items priced \$2.95, \$1.80, and \$4.10.

Round each price to the nearest dollar to get \$3, \$2, and \$4. Add the rounded amounts to get an estimated total of about \$9.
