



# Long Division

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

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

Grade: Grade 4

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## Part A: Fix the Sentence

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

1. Fix the sentence:  $To\ estimate\ 159 \div 4,$  use  $160 \div 4 = 42.$

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

2. Fix the sentence:  $108 \div 9 = 11$  because  $9 \times 11 = 108.$

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

3. Fix the sentence:  $372 \div 4 = 94$  because  $4 \times 94 = 376.$

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

## Part B: Fill in the Blank

Write the missing word or number on each line.

1. To estimate  $247 \div 5$ , use the compatible number  $250 \div 5 =$  \_\_\_\_\_

2.  $312 \div 4 =$  \_\_\_\_\_

3. To estimate  $355 \div 6$ , use  $360 \div 6 =$  \_\_\_\_\_

4.  $455 \div 5 =$  \_\_\_\_\_

## Part C: Short Answer

Answer each question in one or two complete sentences.

1. Why is estimating a quotient before dividing a helpful strategy?

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

2. Estimate  $427 \div 6$  using a compatible number. Then find the exact answer.

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

### Part A: Fix the Sentence

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

1. Fix the sentence:  $To\ estimate\ 159 \div 4,$  use  $160 \div 4 = 42.$

Rewrite:  $To\ estimate\ 159 \div 4,$  use  $160 \div 4 = 40.$

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2. Fix the sentence:  $108 \div 9 = 11$  because  $9 \times 11 = 108.$

Rewrite:  $108 \div 9 = 12$  because  $9 \times 12 = 108.$

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3. Fix the sentence:  $372 \div 4 = 94$  because  $4 \times 94 = 376.$

Rewrite:  $372 \div 4 = 93$  because  $4 \times 93 = 372.$

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### Part B: Fill in the Blank

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Write the missing word or number on each line.

1. To estimate  $247 \div 5,$  use the compatible number  $250 \div 5 = \underline{50}$

2.  $312 \div 4 = \underline{78}$

3. To estimate  $355 \div 6,$  use  $360 \div 6 = \underline{60}$

4.  $455 \div 5 = \underline{91}$

### Part C: Short Answer

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Answer each question in one or two complete sentences.

1. Why is estimating a quotient before dividing a helpful strategy?

*Estimating gives you a rough idea of the answer so you can check whether your exact quotient is reasonable.*

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2. Estimate  $427 \div 6$  using a compatible number. Then find the exact answer.

*Use  $420 \div 6 = 70$  as the estimate. The exact answer is  $427 \div 6 = 71\ R1.$*

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