



## 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:  $8.4 \div 3 = 2.1$  because  $84 \div 3 = 21$  and the decimal goes after the first digit.

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

2. Fix the sentence:  $6.5 \div 5 = 1.5$  because 5 goes into 65 thirteen times.

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

3. Fix the sentence:  $9.24 \div 4 = 2.36$  because  $924 \div 4 = 236$ .

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

### Part B: Fill in the Blank

Write the missing word or number on each line.

1.  $7.2 \div 6 =$  \_\_\_\_\_

2.  $14.4 \div 8 =$  \_\_\_\_\_

3. When dividing a decimal by a whole number, the decimal point in the quotient goes directly \_\_\_\_\_ the decimal point in the dividend.

4.  $25.5 \div 5 =$  \_\_\_\_\_

### Part C: Short Answer

Answer each question in one or two complete sentences.

1. A pack of 4 erasers costs \$3.48. How much does one eraser cost? Show your reasoning.

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2. Why is it helpful to think of  $6.5 \div 5$  as  $65 \text{ tenths} \div 5$  when dividing?

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**Part A: Fix the Sentence**

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

1. Fix the sentence:  $8.4 \div 3 = 2.1$  because  $84 \div 3 = 21$  and the decimal goes after the first digit.

Rewrite:  $8.4 \div 3 = 2.8$  because  $84 \div 3 = 28$  and the decimal point stays directly above its position in the dividend.

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2. Fix the sentence:  $6.5 \div 5 = 1.5$  because 5 goes into 65 thirteen times.

Rewrite:  $6.5 \div 5 = 1.3$  because 5 goes into 65 thirteen times, giving 1.3.

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3. Fix the sentence:  $9.24 \div 4 = 2.36$  because  $924 \div 4 = 236$ .

Rewrite:  $9.24 \div 4 = 2.31$  because  $924 \div 4 = 231$ , so the quotient is 2.31.

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**Part B: Fill in the Blank**

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Write the missing word or number on each line.

1.  $7.2 \div 6 = \underline{1.2}$

2.  $14.4 \div 8 = \underline{1.8}$

3. When dividing a decimal by a whole number, the decimal point in the quotient goes directly above the decimal point in the dividend.

4.  $25.5 \div 5 = \underline{5.1}$

**Part C: Short Answer**

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Answer each question in one or two complete sentences.

1. A pack of 4 erasers costs \$3.48. How much does one eraser cost? Show your reasoning.

*Divide \$3.48 by 4:  $348 \div 4 = 87$ , so one eraser costs \$0.87.*

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2. Why is it helpful to think of  $6.5 \div 5$  as  $65 \text{ tenths} \div 5$  when dividing?

*Thinking in tenths turns the decimal into a whole-number division ( $65 \div 5 = 13 \text{ tenths} = 1.3$ ), which is easier to compute.*

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