Lesson 6: More Division Stories

Classwork

Example 1

Divide $50 \div \frac{2}{3}$

Step 1: Decide on an interpretation.

Step 2: Draw a model.

Step 3: Find the answer.

Step 4: Choose a unit.

Step 5: Set up a situation.

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Exercise 1

Using the same dividend and divisor, work with a partner to create your own story problem. You may use the same unit, dollars, but your situation must be unique. You could try another unit, such as miles, if you prefer.

Example 2

Divide $45 \div \frac{3}{8}$

Step 1: Decide on an interpretation.

Step 2: Draw a model.

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Step 3: Find the answer.

Step 4: Choose a unit.

Step 5: Set up a situation.

Exercise 2

Using the same dividend and divisor, work with a partner to create your own story problem. Try a different unit. Remember, spending money gives a "before and after" word problem. If you use dollars, you are looking for a situation where $\frac{3}{8}$ of some greater dollar amount is $\$45$.

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Problem Set

1. Write a partitive division story problem for $45 \div \frac{3}{5}$.

2. Write a partitive division story problem for $100 \div \frac{2}{5}$.

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