



Classwork

Example 1

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

Step 1: Decide on an interpretation.

How many $\frac{2}{3}$ are in 50?

Step 2: Draw a model.

Equation model (number sentence)

$$\frac{50}{1} \div \frac{2}{3} = \frac{50}{1} \cdot \frac{3}{2} = \frac{150}{2} = 75$$

Step 3: Find the answer.

Step 4: MATH

Step 5: Mrs. Dufflo has 50 lb of math papers. If each student uses $\frac{2}{3}$ lb of paper in a year, how many students are there?