Unit 4 Lesson 5: A New Way to Interpret a over b

1 Recalling Ways of Solving (Warm up)

Student Task Statement

Solve each equation. Be prepared to explain your reasoning.

$0.07 = 10m$ $\qquad\qquad\qquad\qquad$ $10.1 = t + 7.2$

2 Interpreting $\frac{a}{b}$

Student Task Statement

Solve each equation.

1. $35 = 7x$

2. $35 = 11x$

3. $7x = 7.7$

4. $0.3x = 2.1$

5. $\frac{2}{5} = \frac{1}{2}x$

3 Storytime Again

Student Task Statement

Take turns with your partner telling a story that might be represented by each equation. Then, for each equation, choose one story, state what quantity x describes, and solve the equation. If you get stuck, consider drawing a diagram.

$$0.7 + x = 12 \qquad\qquad\qquad \frac{1}{4}x = \frac{3}{2}$$