## Unit 6 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.

$0.07=10m$

$10.1=t+7.2$

### 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.

$0.7+x=12$

$\frac{1}{4}x=\frac{3}{2}$



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