

Proportions (6-2)

Example 1: Solve the proportion.

I Do	You Do
$\frac{7.5}{8.5} = \frac{35}{x}$ $x = 40$	$\frac{x}{12} = \frac{16}{48}$ $x = 4$

Example 3: Write and solve a proportion for each situation.

I Do	You Do
<p>You are grocery shopping and buy 17 apples for \$25.33. How much would it cost for 27 apples?</p> $\frac{\$25.33}{17 \text{ apples}} = \frac{\$40.23}{27 \text{ apples}}$	<p>It costs \$405 for 15 new sweatshirts for the soccer team. How many sweatshirts can you get for \$594?</p> $\frac{\$405}{15 \text{ s.s.}} = \frac{\$594}{22 \text{ s.s.}}$