Lesson 6.3: Two-Step Equations

Targets

    1. I can solve two-step equations.

Solving Two-Step Equations

Watch this video and copy the notes here. Make sure to fill in the scale like the video.

Solve for x: $3x + 2 = 14$

Solving a More Complicated Equation

First attempt this problem on your own. Then watch the video and copy his notes.

Solve for x.

Your attempt:

$3x + 5 = 17$

Video Notes:

$3x + 5 = 17$

$7x - 2 = -10$

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Examples of Solving Two-Step Equations

First attempt this problem on your own. Then watch the video and copy his notes.

Solve for the variable.

<u>Your attempt:</u>

$1.3x - 0.7x = 12$

<u>Video Notes:</u>

$1.3x - 0.7x = 12$

$5x - (3x + 2) = 1$

$5x - (3x + 2) = 1$

$s - \frac{3s}{8} = \frac{5}{6}$

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$\frac{5(q-7)}{12} = \frac{2}{3}$

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Two-Step Equations with Numerator x

First attempt this problem on your own. Then watch the video and copy his notes.

Solve for the x.

<u>Your attempt:</u>

$-16 = \frac{x}{4} + 2$

<u>Video Notes:</u>

$-16 = \frac{x}{4} + 2$

Khan Activity: <u>Two-Step Equations</u>

Complete this activity on Khan.

Exit Ticket

1. Have all your notes filled out above.
2. Complete the following Khan Academy Activities:
   a. <u>Two-Step Equations</u>