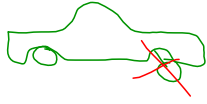


LT: I can solve multi-step equations.

SC: I can combine like terms, use the distributive property, use inverse operations to isolate a variable.

Mr. Gadget's car broke down on the turnpike. Acme Towing charged \$30 plus \$3 per mile to tow the car. If Mr. Gadget paid \$174, how far was the car towed?



Joe's towing charges \$50 plus \$2 per mile? m - miles

(FC)

$$50 + 2(48) = \underline{\quad?}$$

$$50 + 96 = \underline{146?}$$

Which towing should you use?

Aug 25-4:15 PM

LT: I can solve multi-step equations.

SC: I can combine like terms, use the distributive property, use inverse operations to isolate a variable.

go over 3.16

IXLS

Solving word problems 1

Solving word problems 2

Aug 25-4:17 PM

$$\begin{array}{r|l}
 8x + 15 = 3x - 20 & \\
 -3x & -3x \\
 \hline
 5x + 15 = -20 & \\
 -15 & -15 \\
 \hline
 5x = -35 & \\
 \frac{5x}{5} = \frac{-35}{5} & \\
 x = -7 &
 \end{array}$$

$$\begin{array}{r|l}
 33 + 15w = 3w - w + 4w & \\
 33 + 15w = 6w & \\
 -6w & -6w \\
 \hline
 33 + 9w = 0 & \\
 -33 & -33 \\
 \hline
 9w = -33 & \\
 \frac{9w}{9} = \frac{-33}{9} & \\
 w = -3\frac{11}{3} = -3\frac{2}{3} &
 \end{array}$$

Aug 26-8:49 AM

Complete worksheet 3.14

Work on IXLs

Aug 25-4:16 PM

Simon " five times my (age 4 years ago) is the same as three times (my age in two years). How old is Simon now?

age = a

$$5(a) - 4 = 3(a) + 2$$

$$\begin{array}{r} -3a \\ \hline 2a - 4 = +2 \\ \hline 2a = 6 \\ \hline a = 3 \end{array}$$

(18)

$$5(a-4) = 3(a+2)$$

$$\begin{array}{r} 5a - 20 = 3a + 6 \\ -3a \\ \hline 2a - 20 = 6 \\ +20 \quad +20 \\ \hline 2a = 26 \\ \hline a = 13 \end{array}$$

Aug 26-12:08 PM

	<p>Thousandths Hundredths Tenths One Tenths Hundredths Thousandths</p> <p>↓ ↓</p> <p>1.000</p>	
	1.10	$\frac{10}{100} = \frac{1}{10}$
	1.15	$\frac{15}{100} = \frac{3}{20}$
	1.20	$\frac{20}{100} = \frac{1}{5}$
	1.25	$\frac{25}{100} = \frac{1}{4}$
	1.50	$\frac{50}{100} = \frac{1}{2}$
	1.75	$\frac{75}{100} = \frac{3}{4}$
	1.33	$\frac{33}{100} = \frac{1}{3}$
	1.66	$\frac{66}{100} = \frac{2}{3}$

1.6358
1.64

Aug 26-1:06 PM

$$\textcircled{12} \quad \frac{4}{1} \left(\frac{1}{4} \right) (5b + 11) = \overset{19}{\cancel{10}} \left(\frac{4}{1} \right) \quad * \text{Make sure to correctly write the problem}$$
$$5b + 11 = \overset{76}{\cancel{40}}$$
$$\begin{array}{r} 5b + 11 \\ - 11 \\ \hline 5b \end{array} = \begin{array}{r} \overset{76}{\cancel{40}} \\ - 11 \\ \hline 29 \end{array}$$
$$\frac{5b}{5} = \frac{29}{5}$$
$$b = \cancel{5} \frac{4}{5} 13$$

Aug 26-1:24 PM