

Take out your work from worksheet 42.

Write the number of problems you completed out of 13.

Why do girls like guys who wear shirts with eight buttons?

They fascinate (fasten eight)

Oct 30-3:58 PM

ws42

⑤

$$\begin{aligned}4x + 5(7x - 2) &= 9(x - 5) \\4x + 35x - 10 &= 9x - 45 \\39x - 10 &= 9x - 45 \\-9x & \quad -9x \\ \hline 30x - 10 &= -45 \\+ 10 & \quad + 10 \\ \hline 30x &= -35 \\ \frac{30x}{30} &= \frac{-35}{30} \\x &= -\frac{7}{6}\end{aligned}$$

Oct 30-4:00 PM

Determine the number of solutions to an equation.

Oct 30-4:01 PM

One Solution	No Solutions	Infinite Solutions
$-14 - 8x = -2(-3x + 7)$ $\begin{array}{r} -14 - 8x = 6x - 14 \\ +8x \quad +8x \\ \hline -14 = 14x - 14 \\ +14 \quad +14 \\ \hline 0 = 14x \\ 0 = x \end{array}$ <p style="color: red;">✓ <math>-14 - 8(6) = -2(-3(6) + 7)</math>  <math>-14 = -2(7)</math>  <math>-14 = -14</math></p>	$36 - 7p = -7(p - 5)$ $\begin{array}{r} 36 - 7p = -7p + 35 \\ +7p \quad +7p \\ \hline 36 \neq 35 \end{array}$	$-4(v + 3) = -12 - 4v$ $\begin{array}{r} -4v - 12 = -12 - 4v \\ +4v \quad +4v \\ \hline -12 = -12 \end{array}$

Oct 29-1:33 PM

One Solution	No Solutions	Infinite Solutions
$x = \#$ $y = \#$  Solution will take the form of $(x, y)$	variables will form <b>zero pairs</b> and will leave you with a <b>FALSE</b> equation  $2 = 3$	variables will form <b>zero pairs</b> and will leave you with a <b>TRUE</b> equation  $3 = 3$

Oct 29-1:38 PM

<p style="text-align: center;">Classwork/Homework</p> <p>Worksheet - you may show work on the ws if you have enough room.</p> <p style="text-align: center;">12 problems</p>
--

Oct 30-4:04 PM