



Solving Multi Step Equations

Name _____

Score _____

MS:17

Solve equation. Cut out the answer and paste it in the correct multi-step equation.

$2\left(1 + \frac{t}{3}\right) + \frac{1}{6} = \frac{7}{9}$	$3(t+1) - \frac{2(1-t)}{9} = -1$	$-2t + 11 - 15 = 8 + 5t$
$t + 2 - 6t = -3(t - 2(5t + 1))$	$\frac{2}{3} - 4t = \frac{1}{6} + t$	$\frac{4(t+3)}{\left(\frac{2}{3}\right)} = \frac{2(1-t)}{\left(\frac{4}{9}\right)}$
$\frac{t}{4} + \frac{3}{8} = -\frac{5}{8} - \frac{3}{4}t$	$6(-3 + 4t) = -90$	$\frac{4t-7}{3} + 11 = 2t + 5$

$$t = 5\frac{1}{2}$$

$$t = -1\frac{5}{7}$$

$$t = -\frac{1}{8}$$

$$t = -\frac{34}{29}$$

$$t = \frac{1}{10}$$

$$t = -3$$

$$t = -1\frac{2}{7}$$

$$t = -1$$

$$t = -2\frac{1}{12}$$



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Answer key

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Solve equation. Cut out the answer and paste it in the correct multi-step equation.

$2\left(1 + \frac{t}{3}\right) + \frac{1}{6} = \frac{7}{9}$	$3(t+1) - \frac{2(1-t)}{9} = -1$	$-2t + 11 - 15 = 8 + 5t$
$t = -2\frac{1}{12}$	$t = -\frac{34}{29}$	$t = -1\frac{5}{7}$
$t + 2 - 6t = -3(t - 2(5t + 1))$	$\frac{2}{3} - 4t = \frac{1}{6} + t$	$\frac{4(t+3)}{\left(\frac{2}{3}\right)} = \frac{2(1-t)}{\left(\frac{4}{9}\right)}$
$t = -\frac{1}{8}$	$t = \frac{1}{10}$	$t = -1\frac{2}{7}$
$\frac{t}{4} + \frac{3}{8} = -\frac{5}{8} - \frac{3}{4}t$	$6(-3 + 4t) = -90$	$\frac{4t-7}{3} + 11 = 2t + 5$
$t = -1$	$t = -3$	$t = 5\frac{1}{2}$

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