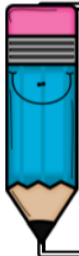



Solving Multi-Step Equations Maze

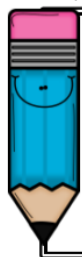
Beginning at "START", solve each equation for x to find a path to the end.

 <p>START $8(-3x - 7) = -128$</p>	\longleftrightarrow -3 \longleftrightarrow	$-7.7x - 0.4x = -9.72$	\longleftrightarrow 1.2 \longleftrightarrow	$4x - 3 = x - 6 - 6$	\longleftrightarrow 3 \longleftrightarrow	$4.4(7x - 1.1) = -109.56$
\updownarrow 3 \updownarrow	\swarrow -13 \swarrow	\updownarrow 8 \updownarrow	\searrow 8 \searrow	\updownarrow -3 \updownarrow	\swarrow 0 \swarrow	\updownarrow -3.4 \updownarrow
$148 = -2(8x + 2) - 3x$	\longleftrightarrow 5 \longleftrightarrow	$4 - 8(8x - 8) = 580$	\longleftrightarrow 6 \longleftrightarrow	$6 + 4x = 6 - x + 2x$	\longleftrightarrow 2 \longleftrightarrow	$3 - 5(x - 3) = 4(2x + 3)$
\updownarrow 8 \updownarrow	\swarrow 8 \swarrow	\updownarrow 5.7 \updownarrow	\swarrow 10 \swarrow	\updownarrow 4.5 \updownarrow	\swarrow 2 \swarrow	\updownarrow 1 \updownarrow
$58 = 7x + 25 - 4x$	\longleftrightarrow 11 \longleftrightarrow	$19.49 = 4.7n - 5.8 - 1.5$	\longleftrightarrow 5.5 \longleftrightarrow	$-6(x - 3) = 3(3x + 1)$	\longleftrightarrow 1 \longleftrightarrow	<p>THE END</p> 

Solving Multi-Step Equations Maze



Beginning at "START", solve each equation for x to find a path to the end.

 <p>START $7x + 20 = -4(-3 - 2x)$</p>	<p>← -8 →</p>	$3(8x+5) = -5(x-3) - 3x$	<p>← 0 →</p>	$3(2x - 6) = 7(x - 2)$	<p>← -4 →</p>	$8 - 4(x - 5) = -2(3x - 2)$
<p>↑ 3 ↓</p>	<p>↖ 8 ↗</p>	<p>↑ 8 ↓</p>	<p>↖ -8 ↗</p>	<p>↑ 0 ↓</p>	<p>↘ All real #s ↙</p>	<p>↑ -12 ↓</p>
$4(x - 8) + 8 = 5x - 18$	<p>← ∅ →</p>	$-3(2x - 7) = 24 - 6x$	<p>← 6 →</p>	$4(x + 6) - 6x = 24 - 2x$	<p>← ∅ →</p>	$-7(x-3) - 3(x-5) = -3x+2x$
<p>↑ -6 ↓</p>	<p>↖ 6 ↗</p>	<p>↑ 0.25 ↓</p>	<p>↘ All real #s ↙</p>	<p>↑ 0 ↓</p>	<p>↖ -2 ↗</p>	<p>↑ 4 ↓</p>
$4(5x+1) = -1 - 3(7 - 6x)$	<p>← -13 →</p>	$6 + 3(6x - 7) = -30 + 3x$	<p>← -1 →</p>	$-7 - 2(8x - 3) = -1 + 3x$	<p>← ∅ →</p>	<p>THE END</p> 