Make sure your coloring sheet has your name on it and is
turned into the basket

Warmup: Solve the following

① $\dfrac{(4x-3)}{7} = \dfrac{(x+1)}{2}$

$2(4x-3) = 7(x+1)$

$8x - 6 = 7x + 7$
$ -7 -7$

$8x - 13 = 7x$
$-8x -8x$ $\boxed{x=13}$

$ +13 = +1x$
$ \overline{+1} = \overline{-1}$

② $-\dfrac{1}{2}(2x+8) - 4 = x + 6$

$-1x - 4 - 4 = x + 6$

$-1x - 8 = x + 6$
$+1x +1x$

$-8 = 2x + 6$
$-6 -6$

$\dfrac{-14}{2} = \dfrac{2x}{2}$ $\boxed{x=-7}$

Solving Equations
Station Maze

Name: _____

START:

END:

EXTRA SPACE