

# Directions

- Step 1: Print out the cards and cut them up
- Step 2. Lay them out. Match each equation with an answer.
- Step 3 : Record your answers in your math journal or binder.

$$4x = 5x + 12$$

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$$x = -34$$

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$$x - 64 = 2x$$

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$$x = -23$$

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$$19x = 17x - 46$$

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$$x = -12$$

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$$21x = 20x - 14$$

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$$x = -\frac{1}{3}$$

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$$6x + \frac{1}{3} = 5x$$

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$$x = 20$$

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$$4x + 34 - 14 = 5x$$

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$$x = -64$$

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$$-18x - 9 = -24x$$

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$$x = -14$$

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$$-\frac{1}{4}x = 34 + \frac{3}{4}x$$

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$$x = \frac{3}{2}$$

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# Answer key

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$4x = 5x + 12$	$x = -12$
$x - 64 = 2x$	$x = -64$
$19x = 17x - 46$	$x = -23$
$21x = 20x - 14$	$x = -14$
$6x + \frac{1}{3} = 5x$	$x = -\frac{1}{3}$
$4x + 34 - 14 = 5x$	$x = 20$
$-18x - 9 = -24x$	$x = \frac{3}{2}$
$-\frac{1}{4}x = 34 + \frac{3}{4}x$	$x = -34$