HW: Worksheet/8-19, 22, 23

**Warm up:**

Solve.

1) $-5 = -3 + x$

$+3 \quad +3$

$-2 = x$

2) $18 = -2n$

$\frac{}{-2} \quad \frac{}{-2}$

$-9 = n$

3) $x - 12 = -60$

$+12 \quad +12$

$x = -48$

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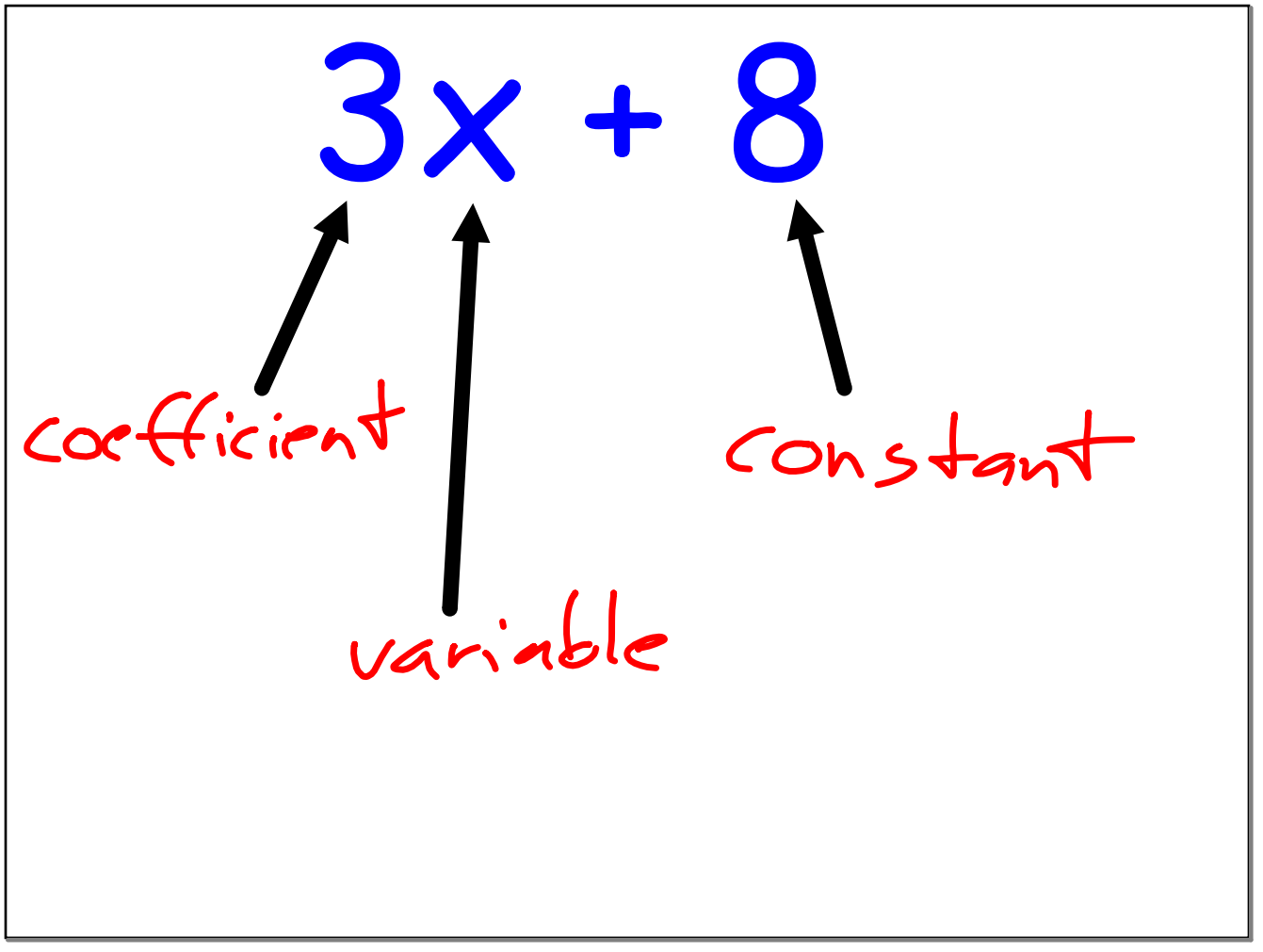

$$\frac{5x + 4 = 29}{5 \quad 5}$$

$$x + \frac{4}{5} = \frac{29}{5}$$

$$-\frac{4}{5} \quad -\frac{4}{5}$$

$$x = \frac{25}{5} = 5$$

$$5x + 4 = 29$$

$$-4 \quad -4$$

$$\frac{5x = 25}{5 \quad 5}$$

$$x = 5$$

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$$-3x + 7 = -12$$

$$-7 \quad -7$$

$$-3x = -19$$

$$\frac{-3x}{-3} = \frac{-19}{-3}$$

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

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$$5 - 6x = 40$$

$-5 \qquad -5$

$$-6x = 35$$

$$\frac{-6x}{-6} = \frac{35}{-6}$$

$$x = -5\frac{5}{6}$$

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$$7 - x = -15$$

$-7 \qquad -7$

$$-x = -22$$

$-1 \qquad -1$

$$x = 22$$

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$$\frac{x}{3} + 3 = 14$$

$-3 \quad -3$

$$3\left(\frac{x}{3}\right) = (11)\,3$$

$$x = 33$$

$$4 - \frac{n}{5} = -16$$

$-4 \quad -4$

$$-5\left(-\frac{n}{5}\right) = (-20)(-5)$$

$$n = 100$$

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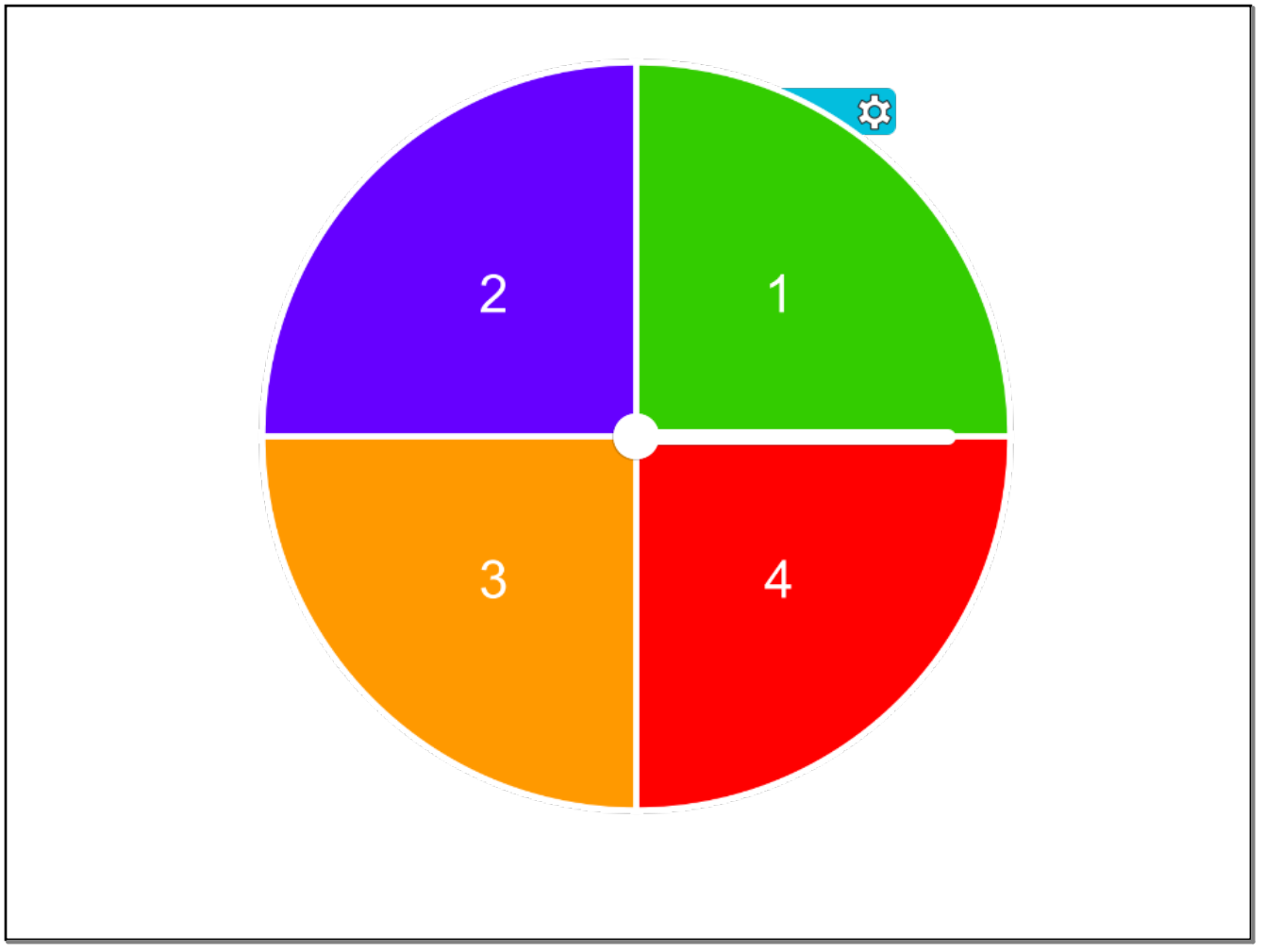

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$$-4x + 9 = -11$$

$$-9 \quad -9$$

$$-4x = -20$$

$$\frac{-4}{-4} \quad \frac{-20}{-4}$$

$$x = 5$$

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$$-2 + 8x = -34$$

$+2 \qquad +2$

$$\frac{8x}{8} = \frac{-32}{8}$$

$$x = -4$$

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$$-1-\frac{h}{7}=-3$$

+1 +1

$-\frac{h}{7}=-2$

$h=14$

$$6 + 4x = 32$$

$-6 \qquad -6$

$$4x = 26$$

$$\frac{4x}{4} = \frac{26}{4}$$

$$x = \frac{13}{2} = 6\frac{1}{2}$$

$$-5 - m = -7$$

$+5 \qquad +5$

$-m = -2$

$-1 \qquad -1$

$m = 2$

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$$\frac{x}{3} - 8 = -11$$

$+8 \quad +8$

$$3\left(\frac{x}{3}\right) = (-3)\,3$$

$$x = -9$$

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