Warm - Up

Solve the following equation:

$$\frac{4}{5}x - 20 = -3$$

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Evaluate the expression

$$-x^{2}$$
 - 3y when x = -3 and y = -5

Solving Multi Step Equations

*** Simplify first, then solve!

$$3(x+4) = 27$$

$$3x + 1/2 = 27$$

$$7x + 2(-4x + 6) = 162$$

$$7x - 8x + 12 = 162$$

$$-x + 1/2 = 162$$

You Try!
$$3(3x-7) + 4x = 26$$

$$9x - 21 + 9x = 26$$

$$13x - 21 =$$

$$2(x+3) - 5(x-1) = 32$$

$$-5x + 5 = 32$$

$$-3x + 1/1 = 32$$

$$-1/1 - 1/1$$

$$-3x = 2/1$$

$$17 = \frac{2}{3}(3x + 6) - x$$

$$17 = 2x + 4 - x$$

$$17 = x + 4$$

$$x = 13$$