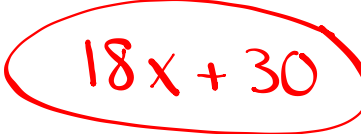



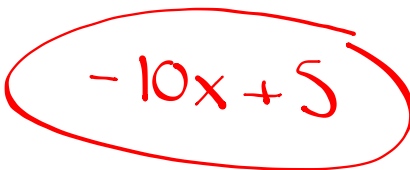
Find the product.

$$6(3x+5)$$


$$18x + 30$$


Find the product.

$$-5(2x-1)$$


$$-10x + 5$$


Find the product.

$$1 (4x-9)$$

$$4x-9$$

Find the product.

$$-(6x-2)$$

$$-6x + 2$$

Remove the brackets and Simplify.

$$(12x-1)+(9x-7)$$

Remove the brackets and Simplify.

$$1 (12x-1) - (9x-7)$$

$$\underline{12x} - 1 - \underline{9x} + \underline{7}$$

$$\textcircled{3x+6}$$

Remove the brackets and Simplify.

$$(12x^5y^7 - 1x^2) - (2x^5y^7 + 11x^2)$$

$$\underline{12x^5y^7} - \underline{1x^2} - \underline{2x^5y^7} - \underline{11x^2}$$

$$10x^5y^7 - 12x^2$$

Divide

$$\frac{16x^5y^7 - 24x^6y^4 + 20x^2y}{4x^2y}$$

$$\frac{16x^5y^7}{4x^2y} - \frac{24x^6y^4}{4x^2y} + \frac{20x^2y}{4x^2y}$$

$$4x^3y^6 - 6x^4y^3 + 5x^0y^0$$

$$4x^3y^6 - 6x^4y^3 + 5$$

Solve for x:

$$3x - 16 = -8x + 83$$

$$3x + 8x = 83 + 16$$

$$\frac{11x}{11} = \frac{99}{11}$$

$$x = 9$$

Solve for x:

$$5(2x-4) = -6(x+1)$$

$$10x - 20 = -6x - 6$$

$$10x + 6x = -6 + 20$$

$$\frac{16x}{16} = \frac{14}{16}$$

$$x = \frac{14}{16} = \left(\frac{7}{8}\right)$$

Solve for x:

$$2(4x-1) < 3(x+1)$$

$$8x - 2 < 3x + 3$$

$$8x - 3x < 3 + 2$$

$$\frac{5x}{5} < \frac{5}{5}$$

$$x < 1$$

Solve for x:

$$-6(x-5) < 2(-8+7x)$$

$$-6x + 30 < -16 + 14x$$

$$-6x - 14x < -16 - 30$$

$$\frac{-20x}{-20} < \frac{-46}{-20}$$

$$x > \frac{46}{20}$$

$$x > \frac{23}{10}$$

