




I can evaluate expressions.

Math, Num, Abs

If  $a = -2$ ,  $b = 4$ , and  $c = -5$ , evaluate the following. 

$$\begin{aligned} 1) & 4ab - c \\ & 4(-2)(4) - (-5) \\ & \boxed{-27} \end{aligned}$$

$$\begin{aligned} 2) & a^2 + b^3 \\ & (-2)^2 + (4)^3 \\ & \boxed{68} \end{aligned}$$

$$\begin{aligned} 3) & \frac{2a^2 - |3c|}{b} \\ & \frac{2(-2)^2 - |3(-5)|}{4} \\ & \boxed{-\frac{7}{4}} \end{aligned}$$

$$\begin{aligned} 4) & -a - c^2 \\ & -(-2) - (-5)^2 \\ & \boxed{-23} \end{aligned}$$

$$\begin{aligned} 5) & \sqrt{b} + 3|a| \\ & \sqrt{4} + 3|-2| \\ & \boxed{8} \end{aligned}$$

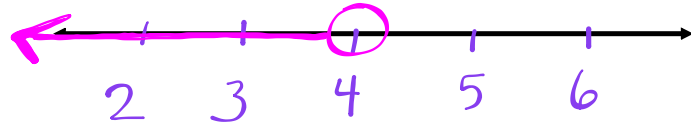
$$\begin{aligned} 6) & \frac{-a^3 + |2c|}{-2\sqrt{4b}} \\ & \frac{-(-2)^3 + |2(-5)|}{-2\sqrt{4(4)}} \\ & \boxed{-\frac{9}{4}} \end{aligned}$$



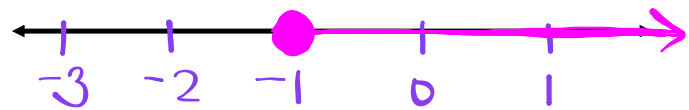
I Can solve an inequality, graph it on a number line, and write the solution in both set and interval notation.

○ <, >  
● ≤, ≥

$$\begin{array}{r|l} 3x - 4 < 8 \\ +4 \quad +4 \\ \hline 3x < 12 \\ \frac{3x}{3} < \frac{12}{3} \\ x < 4 \end{array}$$



$$\begin{array}{r|l} 7 \geq 5 - 2x \\ -5 \quad -5 \\ \hline 2 \geq -2x \\ \frac{2}{-2} \geq \frac{-2x}{-2} \\ -1 \leq x \end{array}$$



$$x \geq -1$$

$$3) \quad -2(2x - 4) \geq 24$$

$$\begin{array}{r|l} -4x + 8 \geq 24 \\ -8 \quad -8 \\ \hline -4x \geq 16 \\ \frac{-4x}{-4} \geq \frac{16}{-4} \\ x \leq -4 \end{array}$$

