

Questions on Graphing Absolute Value Functions WKS?

-We will take our mini-test soon...

4.2
pg. 9

$$5) |3d| = 15$$

$$\frac{3d}{3} = \frac{15}{3}$$

$$d = 5$$

$$\frac{-3d}{-3} = \frac{15}{-3}$$

$$d = -5$$

$$10) 5|c+3| - 1 = 9$$

$$\frac{5|c+3|}{5} = \frac{10}{5}$$

$$|c+3| = 2$$

$$\frac{c+3}{-3} = \frac{2}{-3}$$

$$c = -1$$

$$\frac{-(c+3)}{+3} = \frac{2}{+3}$$

$$-c - 3 = 2$$

$$\frac{-c}{-1} = \frac{5}{-1}$$

$$c = -5$$

$$6) |3x-5| = 11$$

$$\frac{3x-5}{+5} = \frac{11}{+5}$$

$$\frac{3x}{3} = \frac{16}{3}$$

$$x = \frac{16}{3}$$

$$-(3x-5) = 11$$

$$\frac{-3x+5}{-5} = \frac{11}{-5}$$

$$3x-5 = 11$$

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

$$x = -2$$

$$3x-5 = -11$$

4.3
pg 17

$$17) -(-n) \quad n = -2$$
$$-(+2) = -2$$

Graphing Absolute Value Functions.pdf - Adobe Acrobat Reader DC

File Edit View Window Help

Home Tools Graphing Absolute ... x

1 / 4 103%

Graphing Absolute Value Functions

Date _____ Period _____

Graph each equation.

1) $y = |x| + 4$

2) $y = -|x - 4| - 2$

3) $y = -|x - 2| - 2$

4) $y = |x + 2| - 4$

Handwritten notes:

$$f(x) = \begin{cases} -(x) + 4, & x \leq 0 \\ (x) + 4, & x > 0 \end{cases}$$