

Absolute Value Inequalities {Coloring Activity}

Name: _____ Per: _____

Date: _____

Directions: Solve each inequality. Circle the answer that matches your solution. Color the picture on the back using your selected answers. Colors may be used more than once. Staple all work to this paper!

1 $|x+4| < 9$

2 $|3m| \geq 6$

3 $|2p-7| > 9$

4 $|6k+3| \leq 27$

5 $|y+5|+9 > 21$

6 $\frac{|2w+3|}{9} < 3$

7 $-4|a-13| \leq -56$

8 $9|r-5|-7 \leq 20$

9 $4|6-3m|+1 > 17$

10 $18-2|c+7| \leq 12$

Black: $(-\infty, -13)$ or $(5, \infty)$
 Light Blue: $(-\infty, -13]$ or $[5, \infty)$
 Yellow: $(-\infty, -13)$
 Dark Blue: $(-\infty, -13]$
 Red: $(5, \infty)$
 Orange: $(5, \infty)$
 Brown: $(5, \infty)$
 Green: $(5, \infty)$
 Purple: $[-2, 2]$
 Pink: $(-13, 5)$
 Orange: $[-13, 5]$

