

## Absolute value homework

Date \_\_\_\_\_ Period \_\_\_\_\_

**Solve each equation.**

1)  $|4 + n| = 6$

2)  $|-3b| = 30$

3)  $|10n - 2| = 22$

4)  $|7r - 4| = 18$

5)  $\frac{|5x + 4|}{9} = -4$

6)  $\frac{|4n + 4|}{6} = 2$

7)  $5|4m + 8| = 20$

8)  $6|10 - 10x| + 6 = 66$

9)  $5|6b - 5| + 7 = 7$

10)  $8|-3x + 5| + 9 = 25$

11)  $8|4x + 6| - 5 = -53$

12)  $-10 + 4|-8a + 4| = 6$