

Solve the indicated absolute value equations for  $x$ .  
Be sure to check your solutions in the original equation.

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

2)  $|x + 2| = 4$

3)  $|x + 2| = \frac{1}{2}x + 4$

4)  $|x + 2| = 3x + 4$

5)  $|x + 2| = \frac{1}{2}x - 1$