MathFLIX CHALLENGE Solving Absolute Value Equations

Absolute value problems always have two solutions. Complete the problems below providing both solutions for each one.

Absolute value problem	Solution #1	Solution #2
x + 2 = 7 x = 5, -9	x + 2 = 7 x + 2 - 2 = 7 - 2 x = 5	x + 2 = -7 x + 2 - 2 = -7 - 2 x = -9
x+3 = 10	x + 3 = 10	x + 3 = -10
x =,	2 10	
x - 3 = 10 $x = \$	x - 3 = 10	
2x+4 =12		2x + 4 = -12
x =,		
3x + 6 = 12 x =,		
-x+2 =		
x =,		

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