

OBJECTIVE: To solve absolute value equations with the variable on one side.

Solve each equation.

1. $|6m| = 42$

2. $7|n| = 56$

3. $\frac{|m-7|}{5} = 3$

4. $-4|x+8| = -56$

5. $|7m| + 3 = 73$

6. $\frac{|a-5|}{8} = 5$

7. $-10|v+2| = 70$

8. $3|4x-7| - 2 = 28$

9. $|2x - 1| + 6 = 21$

10. $\frac{4|2 - x|}{-7} = -4$

Jumbled Answers

-7	9	-22	-7	10	No Solution	-8
7	-8	$-\frac{3}{4}$	45	-5	8	8
	22	-10	$-\frac{17}{4}$	-35	6	