

Quiz: Absolute Value Equations

1 $5x = 8|x - 7|$

2 $2x + 5 = 4|4 - x|$

3 $|8x - 7| = 24$

4 $6x - 1 = |14x - 1|$

5 $2y = |7y - 49|$

6 $2x + 4 = 4|6 - x|$

7 $|2x - 7| = 8x$

8 $|16x - 1| = 8x - 1$

19 The proper temperature for baking cake is 240° C plus or minus 6 degrees. Write and solve an absolute value equation representing the maximum and minimum baking temperatures for cake.

20 The proper force for breaking a board is 100 N plus or minus 9 N. Write and solve an absolute value equation representing the maximum and minimum force for breaking the board.

Circle # Correct	0	1	2	3	4	5	6	7	8	9	10
Percentage Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%