

Algebra 13-3 Absolute Value Functions

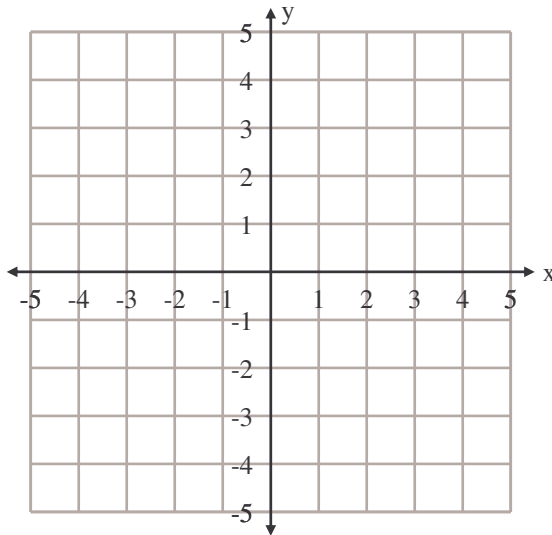
1. I place a marker out in a field 40 meters away from you. You toss a rock m meters trying to get your rock to land on the marker. Assume that your toss always goes straight at the marker and never off to the sides. If so, then your toss may have gone beyond the 40 meter marker or it may have been short of the mark. If all I am concerned with is how close you came to the marker, give the function $d(m)$ of how close you were to the marker.
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2. Fill in the chart below.

t	$d(t) = 2 \cdot t - 4 $
0	
-4	
4	
3	
-3	

Graph the functions of the graphs. Use a t-chart to help you if you must.

3. $y = |x - 1|$



4. $y = -|x - 1|$

