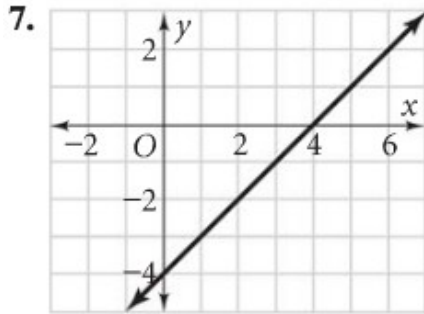*Graph each function.*

1. $h(x) = x - 5$ 2. $h(x) = (x + 1)^2 + 4$ 3. $h(x) = |x| - 4$ 4. $h(x) = |x - 1| - 2$

Write an equation for each graph.

7.

9. a. Use the table below. Model the relation with a scatter plot and a trend line.
    b. Predict the value of y when x = 10.

x	1.0	2.0	3.0	4.0	5.0	6.0	7.0
y	-1.5	0.0	1.5	2.0	2.5	3.5	4.0

10. The graph of $y = |x|$ is translated down 5 units and right 4 units. What is the equation of the new graph?

a. $y = |x + 4| + 5$ b. $y = |x + 4| - 5$ c. $y = |x - 4| + 5$ d. $y = |x - 4| - 5$