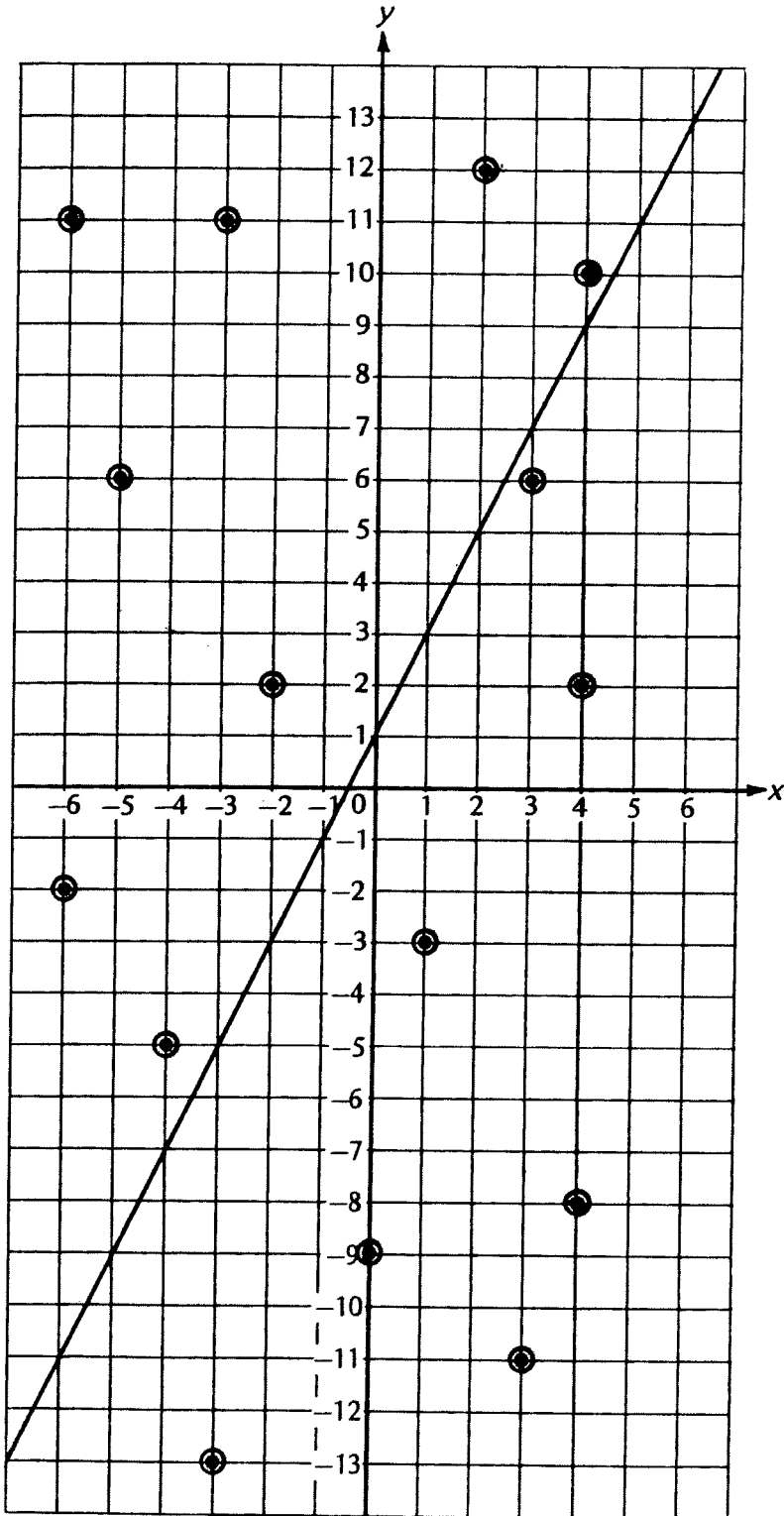


Graphing Linear Equations

HIT OR MISS

1. Graph each equation.
2. If the line passes through the dot of the object ball, it's a hit; if not, it's a miss.
3. Record your hits and misses in the table below.



The cue ball is aimed at the object ball and shot along the straight line of the equation. How many object balls can you hit?

Shot Number	Equation	Hit	Miss
1	$y = 2x + 1$		✓
2	$y = -3x$		
3	$y = 4$		
4	$y = x - 5$		
5	$y = -x$		
6	$x = 5$		
7	$x = -5$		
8	$4y = 3x - 4$		
9	$4y - 2x = 32$		
10	$6y + 5x = 3$		
11	$y = 9$		
12	$y = -11$		
13	$6y - 2x = 30$		
14	$y - 8 = -2x$		
15	$x = 0$		