

Slope Monster

| Equation | Slope | | Equation | Slope |
|--------------------------|-------|--|--------------------------|-------|
| $2x - 5y = 7$ | | | $4x - y = 7$ | |
| $y = \frac{5}{9}x - 4$ | | | $y = \frac{5}{2}x - 4$ | |
| $5x - 3y = 7$ | | | $8x - 3y = 12$ | |
| $2x + 7y = 19$ | | | $-4x + 7y = 19$ | |
| $x = 13$ | | | $x = -19$ | |
| $y = \frac{8}{3}x - 8$ | | | $y = \frac{8}{7}x - 4$ | |
| $y = 5x - 8$ | | | $y = -3x - 8$ | |
| $-3x + 9y = 4$ | | | $-10x + 6y = 4$ | |
| $y = -3$ | | | $y = 15$ | |
| $y = -\frac{3}{11}x - 4$ | | | $y = \frac{6}{11}x - 4$ | |
| $7x - 3y = 7$ | | | $2x - 8y = 17$ | |
| $y = \frac{2}{9}x - 4$ | | | $y = \frac{5}{2}x + 6$ | |
| $5x - 3y = 7$ | | | $4x + 7y = 7$ | |
| $4x + 7y = 19$ | | | $2x - 9y = 19$ | |
| $x = -3$ | | | $x = 7$ | |
| $y = -\frac{8}{5}x - 4$ | | | $y = \frac{5}{3}x - 4$ | |
| $y = -2x - 8$ | | | $y = 4x + 13$ | |
| $-3x + 6y = 4$ | | | $-3x - 6y = 4$ | |
| $y = -5$ | | | $y = 7$ | |
| $y = -\frac{3}{4}x - 4$ | | | $y = -\frac{3}{5}x + 15$ | |

Slope Monster Solution

| Equation | Slope | | Equation | Slope |
|--------------------------|---------------------|--|--------------------------|--------------------|
| $2x - 5y = 7$ | $m = \frac{2}{5}$ | | $4x - y = 7$ | $m = 4$ |
| $y = \frac{5}{9}x - 4$ | $m = \frac{5}{9}$ | | $y = \frac{5}{2}x - 4$ | $m = \frac{5}{2}$ |
| $5x - 3y = 7$ | $m = \frac{5}{3}$ | | $8x - 3y = 12$ | $m = \frac{8}{3}$ |
| $2x + 7y = 19$ | $m = -\frac{2}{7}$ | | $-4x + 7y = 19$ | $m = \frac{4}{7}$ |
| $x = 13$ | Undefined | | $x = -19$ | Undefined |
| $y = \frac{8}{3}x - 8$ | $m = \frac{8}{3}$ | | $y = \frac{8}{7}x - 4$ | $m = \frac{8}{7}$ |
| $y = 5x - 8$ | $m = 5$ | | $y = -3x - 8$ | $m = -3$ |
| $-3x + 9y = 4$ | $m = \frac{1}{3}$ | | $-10x + 6y = 4$ | $m = \frac{5}{3}$ |
| $y = -3$ | $m = 0$ | | $y = 15$ | $m = 0$ |
| $y = -\frac{3}{11}x - 4$ | $m = -\frac{3}{11}$ | | $y = \frac{6}{11}x - 4$ | $m = \frac{6}{11}$ |
| $7x - 3y = 7$ | $m = \frac{7}{3}$ | | $2x - 8y = 17$ | $m = \frac{1}{4}$ |
| $y = \frac{2}{9}x - 4$ | $m = \frac{2}{9}$ | | $y = \frac{5}{2}x + 6$ | $m = \frac{5}{2}$ |
| $5x - 3y = 7$ | $m = \frac{5}{3}$ | | $4x + 7y = 7$ | $m = -\frac{4}{7}$ |
| $4x + 7y = 19$ | $m = -\frac{4}{7}$ | | $2x - 9y = 19$ | $m = \frac{2}{9}$ |
| $x = -3$ | Undefined | | $x = 7$ | Undefined |
| $y = -\frac{8}{5}x - 4$ | $m = -\frac{8}{5}$ | | $y = \frac{5}{3}x - 4$ | $m = \frac{5}{3}$ |
| $y = -2x - 8$ | $m = -2$ | | $y = 4x + 13$ | $m = 4$ |
| $-3x + 6y = 4$ | $m = \frac{1}{2}$ | | $-3x - 6y = 4$ | $m = -\frac{1}{2}$ |
| $y = -5$ | $m = 0$ | | $y = 7$ | $m = 0$ |
| $y = -\frac{3}{4}x - 4$ | $m = -\frac{3}{4}$ | | $y = -\frac{3}{5}x + 15$ | $m = -\frac{3}{5}$ |