



Math worksheet on 'Slope - Find Equivalent - X, Y Chart to Fraction Slope (Level 1)'. Part of a broader unit on 'Slope - Intro'

Learn online: app.mobius.academy/math/units/slope_intro/

1 What slope would this line of X, Y values have?

| X | Y |
|---|----|
| 0 | 3 |
| 1 | 7 |
| 2 | 11 |
| 3 | 15 |
| 4 | 19 |

| a | b | c |
|-------------------|-------------------|----------|
| $m = 4$ | $m = \frac{1}{4}$ | $m = -4$ |
| d | | |
| $m = \frac{4}{2}$ | | |

2 What slope would this line of X, Y values have?

| X | Y |
|---|------|
| 0 | 0.5 |
| 1 | 0 |
| 2 | -0.5 |
| 3 | -1 |
| 4 | -1.5 |

| a | b | c |
|-------------------|--------------------|-------------------|
| $m = -2$ | $m = -\frac{1}{2}$ | $m = \frac{2}{2}$ |
| d | | |
| $m = \frac{1}{2}$ | | |

3 What slope would this line of X, Y values have?

| X | Y |
|---|----|
| 0 | 2 |
| 1 | 0 |
| 2 | -2 |
| 3 | -4 |
| 4 | -6 |

| a | b | c |
|----------|--------------------|--------------------|
| $m = -2$ | $m = -\frac{1}{2}$ | $m = -\frac{2}{2}$ |
| d | | |
| $m = 2$ | | |

4 What slope would this line of X, Y values have?

| X | Y |
|---|----|
| 0 | 3 |
| 1 | 2 |
| 2 | 1 |
| 3 | 0 |
| 4 | -1 |

| a | b | c |
|-------------------|---------|----------|
| $m = \frac{1}{2}$ | $m = 1$ | $m = -1$ |
| | | |

5 What slope would this line of X, Y values have?

| X | Y |
|---|-----|
| 0 | 4 |
| 1 | 0 |
| 2 | -4 |
| 3 | -8 |
| 4 | -12 |

| a | b | c |
|--------------------|--------------------|---------|
| $m = -4$ | $m = -\frac{1}{4}$ | $m = 4$ |
| d | | |
| $m = -\frac{4}{2}$ | | |

6 What slope would this line of X, Y values have?

| X | Y |
|---|------|
| 0 | 1.5 |
| 1 | 1 |
| 2 | 0.5 |
| 3 | 0 |
| 4 | -0.5 |

| a | b | c |
|--------------------|-------------------|-------------------|
| $m = -\frac{1}{2}$ | $m = \frac{2}{2}$ | $m = \frac{1}{2}$ |
| d | | |
| $m = -2$ | | |

7 What slope would this line of X, Y values have?

| X | Y |
|---|---|
| 0 | 1 |
| 1 | 2 |
| 2 | 3 |
| 3 | 4 |
| 4 | 5 |

| a | b | c |
|----------|---------|--------------------|
| $m = -1$ | $m = 1$ | $m = -\frac{1}{2}$ |
| | | |