



Math worksheet on 'Slope - Find Perpendicular - Slope Y Intercept Form to Decimal Slope (Level 1)'. Part of a broader unit on 'Slopes and Perpendiculars - Intro'

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1 What slope would be PERPENDICULAR to the slope of this line equation?

$$y = -\frac{1}{3}x + 3.33$$

- |   |        |   |       |
|---|--------|---|-------|
| a | m=-3   | b | m=3   |
| c | m=0.33 | d | m=1.5 |

2 What slope would be PERPENDICULAR to the slope of this line equation?

$$y = \frac{1}{3}x + 3$$

- |   |         |   |        |
|---|---------|---|--------|
| a | m=-0.33 | b | m=-1.5 |
| c | m=-3    | d | m=3    |

3 What slope would be PERPENDICULAR to the slope of this line equation?

$$y = 3x + 2$$

- |   |         |   |         |
|---|---------|---|---------|
| a | m=-0.33 | b | m=0.33  |
| c | m=-3    | d | m=-0.17 |

4 What slope would be PERPENDICULAR to the slope of this line equation?

$$y = 1x + 2$$

- |   |      |   |        |
|---|------|---|--------|
| a | m=1  | b | m=-0.5 |
| c | m=-1 |   |        |

5 What slope would be PERPENDICULAR to the slope of this line equation?

$$y = -3x + 3$$

- |   |         |   |        |
|---|---------|---|--------|
| a | m=0.17  | b | m=3    |
| c | m=-0.33 | d | m=0.33 |

6 What slope would be PERPENDICULAR to the slope of this line equation?

$$y = -\frac{1}{5}x + 0.2$$

- |   |      |   |       |   |       |   |     |
|---|------|---|-------|---|-------|---|-----|
| a | m=-5 | b | m=0.2 | c | m=2.5 | d | m=5 |
|---|------|---|-------|---|-------|---|-----|

7 What slope would be PERPENDICULAR to the slope of this line equation?

$$y = -1x + 1$$

- |   |       |   |      |   |     |
|---|-------|---|------|---|-----|
| a | m=0.5 | b | m=-1 | c | m=1 |
|---|-------|---|------|---|-----|