



Math worksheet on 'Slope - Perpendicular as Negative Inverse - Fraction to Integer (as Perpendicular) (Level 1)'. Part of a broader unit on 'Slopes and Perpendiculars - Practice'

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app.mobius.academy/math/units/line_equations_and_perpendiculars_practice/

1 What slope would be perpendicular to a slope of $-\frac{1}{5}$?

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

$m = -\frac{1}{5}$

2 What slope would be perpendicular to a slope of $\frac{1}{2}$?

| | |
|----------------------|--------------------|
| a $m=-2$ | b $m=-1$ |
| c $m=-0.5$ | d $m=2$ |
| | |

$m = \frac{1}{2}$

3 What slope would be perpendicular to a slope of $\frac{1}{3}$?

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

$m = \frac{1}{3}$

4 What slope would be perpendicular to a slope of $-\frac{1}{3}$?

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

$m = -\frac{1}{3}$

5 What slope would be perpendicular to a slope of $\frac{1}{5}$?

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

$m = \frac{1}{5}$

6 What slope would be perpendicular to a slope of $-\frac{1}{2}$?

| | | |
|-------------------|--------------------|---------------------|
| a $m=2$ | b $m=-2$ | c $m=0.5$ |
| d $m=1$ | | |

$m = -\frac{1}{2}$

7 What slope would be perpendicular to a slope of $\frac{1}{4}$?

| | |
|-----------------------|--------------------|
| a $m=-0.25$ | b $m=-4$ |
| c $m=-2$ | d $m=4$ |
| | |

$m = \frac{1}{4}$