# mobius

## Slope - Find Parallel - Slope Zero Intercept Form to Slope Y Intercept Form

**1** What line equation would have a slope that is PARALLEL to the slope of this line equation?

$$y = \frac{1}{5}x$$

| A | B |
|---|---|
| $y = -\frac{5}{2}x + 2$ | $y = -\frac{1}{5}x + 2$ |

| C | D |
|---|---|
| $y = 5x + 2$ | $y = \frac{1}{5}x + 2$ |

**2** What line equation would have a slope that is PARALLEL to the slope of this line equation?

$$y = 3x$$

| A | B |
|---|---|
| $y = -3x + 2$ | $y = \frac{3}{2}x + 2$ |

| C | D |
|---|---|
| $y = \frac{1}{3}x + 2$ | $y = 3x + 2$ |

**3** What line equation would have a slope that is PARALLEL to the slope of this line equation?

$$y = \frac{1}{2}x$$

| A | B |
|---|---|
| $y = -\frac{1}{2}x + 1$ | $y = 2x + 1$ |

| C | D |
|---|---|
| $y = \frac{1}{2}x + 1$ | $y = -\frac{2}{2}x + 1$ |

**4** What line equation would have a slope that is PARALLEL to the slope of this line equation?

$$y = \frac{1}{4}x$$

| A | B |
|---|---|
| $y = \frac{1}{4}x + 3$ | $y = -\frac{4}{2}x + 3$ |

| C | D |
|---|---|
| $y = 4x + 3$ | $y = -\frac{1}{4}x + 3$ |

**5** What line equation would have a slope that is PARALLEL to the slope of this line equation?

$$y = 1x$$

| A | B |
|---|---|
| $y = -1x + 3$ | $y = 1x + 3$ |

| C | |
|---|---|
| $y = -\frac{1}{2}x + 3$ | |

**6** What line equation would have a slope that is PARALLEL to the slope of this line equation?

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

| A | B |
|---|---|
| $y = \frac{1}{3}x + 1.33$ | $y = -\frac{1}{3}x + 1.33$ |

| C | D |
|---|---|
| $y = \frac{3}{2}x + 1.33$ | $y = -3x + 1.33$ |

**7** What line equation would have a slope that is PARALLEL to the slope of this line equation?

$$y = -2x$$

| A | B |
|---|---|
| $y = -\frac{2}{2}x + 2$ | $y = -\frac{1}{2}x + 2$ |
| C | D |
| $y = 2x + 2$ | $y = -2x + 2$ |

**8** What line equation would have a slope that is PARALLEL to the slope of this line equation?

$$y = -5x$$

| A | B |
|---|---|
| $y = -5x + 5$ | $y = -\frac{5}{2}x + 5$ |
| C | D |
| $y = 5x + 5$ | $y = -\frac{1}{5}x + 5$ |