

3-8 Finding Equation Of A Line (ver2)_hw

Given two points, write equation of each line in slope-intercept form ($y=mx+b$).

1) through: $(0, 4)$ and $(5, -1)$

2) through: $(1, -3)$ and $(0, 3)$

3) through: $(-2, -4)$ and $(-1, -3)$

4) through: $(-2, -5)$ and $(0, 5)$

5) through: $(0, 2)$ and $(3, 3)$

6) through: $(0, 3)$ and $(-1, 5)$

7) through: $(-4, 2)$ and $(0, 0)$

8) through: $(4, 3)$ and $(0, 5)$

9) through: $(0, 2)$ and $(4, 0)$

10) through: $(0, -1)$ and $(-2, -3)$

11) through: (0, -1) and (1, 2)

12) through: (4, 1) and (0, 1)

13) through: (3, 0) and (0, 3)

14) through: (4, 4) and (-1, -1)

15) through: (1, 3) and (0, 2)

16) through: (0, 2) and (-1, -4)

17) through: (-2, 1) and (0, 2)

18) through: (-3, -1) and (0, -2)

Answers to Finding $y=mx+b$ (ver2)

- 4) $y = 5x + 5$
- 8) $y = -\frac{2}{1}x + 5$
- 12) $y = 1$
- 16) $y = 6x + 2$

- 3) $y = x - 2$
- 7) $y = -\frac{2}{1}x$
- 11) $y = 3x - 1$
- 15) $y = x + 2$

- 2) $y = -6x + 3$
- 6) $y = -2x + 3$
- 10) $y = x - 1$
- 14) $y = x$

18) $y = -\frac{3}{1}x - 2$

- 1) $y = -x + 4$
- 5) $y = \frac{3}{1}x + 2$
- 9) $y = -\frac{2}{1}x + 2$
- 13) $y = -x + 3$

17) $y = \frac{2}{1}x + 2$