Task card 1 Writing y = mx + b from Slope & y-...

A line has slope $-\frac{3}{2}$ and crosses the y-axis at (0, -3). Write its equation in the form y = mx + b.

Task card 2 Writing y = mx + b from Slope & y-...

A line has slope $\frac{7}{4}$ and has y-intercept 8. Write its equation in the form y = mx + b.

Task card 3 Writing y = mx + b from Slope & y-...

A line has slope -2 and crosses the y-axis at (0, -9). Write its equation in the form y = mx + b.

Task card 4 Writing y = mx + b from Slope & y-...

A line has slope -1 and has y-intercept -4. Write its equation in the form y = mx + b.

Task card 5 Writing y = mx + b from Slope & y-...

A line has slope $\frac{1}{2}$ and crosses the y-axis at (0, 1). Write its equation in the form y = mx + b.

Task card 6 Writing y = mx + b from Slope & y-...

A line has slope $-\frac{7}{4}$ and has y-intercept 1. Write its equation in the form y = mx + b.

Task card 7 Writing y = mx + b from Slope & y-...

A line has slope 3 and crosses the y-axis at (0, -9). Write its equation in the form y = mx + b.

Task card 8 Writing y = mx + b from Slope & y-...

A line has slope -1 and has y-intercept -6. Write its equation in the form y = mx + b.

Task card 9 Writing y = mx + b from Slope & y-...

A line has slope $-\frac{3}{4}$ and crosses the y-axis at (0, 5). Write its equation in the form y = mx + b.

Task card 10 Writing y = mx + b from Slope & y-...

A line has slope $-\frac{2}{3}$ and has y-intercept 9. Write its equation in the form y = mx + b.

Task card 11 Writing y = mx + b from Slope & y-...

A line has slope 3 and crosses the y-axis at (0, -1). Write its equation in the form y = mx + b.

Task card 12 Writing y = mx + b from Slope & y-...

A line has slope -7 and has y-intercept -1. Write its equation in the form y = mx + b.

Task card 13 Writing y = mx + b from Slope & y-...

A line has slope $-\frac{1}{4}$ and crosses the y-axis at (0, 7). Write its equation in the form y = mx + b.

Task card 14 Writing y = mx + b from Slope & y-...

A line has slope $-\frac{3}{2}$ and has y-intercept -3. Write its equation in the form y = mx + b.

Task card 15 Writing y = mx + b from Slope & y-...

A line has slope 3 and crosses the y-axis at (0, 5). Write its equation in the form y = mx + b.

Task card 16 Writing y = mx + b from Slope & y-...

A line has slope 7 and has y-intercept 1. Write its equation in the form y = mx + b.

Task card 17 Writing y = mx + b from Slope & y-...

A line has slope $\frac{5}{4}$ and crosses the y-axis at (0, 8). Write its equation in the form y = mx + b.

Task card 18 Writing y = mx + b from Slope & y-...

A line has slope $\frac{3}{2}$ and has y-intercept -9. Write its equation in the form y = mx + b.

Task card 19 Writing y = mx + b from Slope & y-...

A line has slope 3 and crosses the y-axis at (0, 1). Write its equation in the form y = mx + b.

Task card 20 Writing y = mx + b from Slope & y-...

A line has slope 5 and has y-intercept 4. Write its equation in the form y = mx + b.

Task card 21 Writing y = mx + b from Slope & y-...

A line has slope $\frac{1}{3}$ and crosses the y-axis at (0, -9). Write its equation in the form y = mx + b.

Task card 22 Writing y = mx + b from Slope & y-...

A line has slope $\frac{3}{2}$ and has y-intercept -3. Write its equation in the form y = mx + b.

Task card 23 Writing y = mx + b from Slope & y-...

A line has slope -5 and crosses the y-axis at (0, -4). Write its equation in the form y = mx + b.

Task card 24 Writing y = mx + b from Slope & y-...

A line has slope -1 and has y-intercept 0. Write its equation in the form y = mx + b.

Writing y = mx + b from Slope & y-Intercept Task Cards

Recording sheet · Grade 8 · Write the equation of each line in the form y = mx + b. Write a fraction slope in brackets, like y = (2/3)x + 1.

Scan to check your answers

Name: _____ Date: _____

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Writing y = mx + b from Slope & y-Intercept Task Cards: Answer Key

Grade 8 · Hard

The answers online

1. $y = -\frac{3}{2}x - 3$	**2.** $y = \frac{7}{4}x + 8$	**3.** $y = -2x - 9$
4. $y = -x - 4$	**5.** $y = \frac{1}{2}x + 1$	**6.** $y = -\frac{7}{4}x + 1$
7. $y = 3x - 9$	**8.** $y = -x - 6$	**9.** $y = -\frac{3}{4}x + 5$
10. $y = -\frac{2}{3}x + 9$	**11.** $y = 3x - 1$	**12.** $y = -7x - 1$
13. $y = -\frac{1}{4}x + 7$	**14.** $y = -\frac{3}{2}x - 3$	**15.** $y = 3x + 5$
16. $y = 7x + 1$	**17.** $y = \frac{5}{4}x + 8$	**18.** $y = \frac{3}{2}x - 9$
19. $y = 3x + 1$	**20.** $y = 5x + 4$	**21.** $y = \frac{1}{3}x - 9$
22. $y = \frac{3}{2}x - 3$	**23.** $y = -5x - 4$	**24.** $y = -x$