

Norwegian Hideout 1

Which of these lines is parallel to:

$$y = 5x - 4?$$

If $2y + 5x = 5$	then go to 2
If $15x + 3y = 9$	then go to 3
If $15x - 3y = 7$	then go to 5
If $y + 5x = -4$	then go to 8

Norwegian Hideout 2

Which of these lines is parallel to:

$$3x - 6y = 4?$$

If $y = \frac{1}{2}x + 4$	then go to 3
If $y = -\frac{1}{2}x + 3$	then go to 4
If $y = 2x - 7$	then go to 6
If $y = -2x + 8$	then go to 7

Norwegian Hideout 3

Is $(5, -7)$ on the line: $3x + 2y = 1$?

If yes

then go to 1

If no

then go to 5

Norwegian Hideout 4

Which of these lines is perpendicular to:

$$y = -\frac{3}{2}x + 7$$

If $y = -\frac{3}{2}x + 5$

then go to 1

If $y = \frac{3}{2}x - 4$

then go to 6

If $y = \frac{2}{3}x + 1$

then go to 8

If $y = -\frac{2}{3}x + 5$

then go to 7

Norwegian Hideout 5

Find the line perpendicular to $4y - 2x = 0$ that goes through $(-1, 5)$

If $y = \frac{1}{2}x + \frac{11}{2}$ then go to 2

If $y = -\frac{1}{2}x + \frac{9}{2}$ then go to 3

If $y = 2x + 4$ then go to 7

If $y = -2x + 3$ then go to 6

Norwegian Hideout 6

Find the line parallel to $2y = 3x + 4$ that goes through $(2, -4)$

If $y = 3x - 7$ then go to 4

If $y = 3x + 7$ then go to 2

If $y = \frac{3}{2}x - 7$ then go to 7

If $y = -\frac{3}{2}x - 7$ then go to 8

Norwegian Hideout 7

What is the y-intercept of: $5x - 3y = 15$

If 3	then go to 6
If -3	then go to 3
If 5	then go to 5
If -5	then go to 4

Norwegian Hideout 8

What is the slope of: $5x - 3y = 15$

If $\frac{5}{3}$	then go to 2
If 5	then go to 4
If $\frac{3}{5}$	then go to 3
If $-\frac{5}{3}$	then go to 5