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**