

Chilean Hideout 1

Which is the solution to $5x + 3 \geq -12$

- | | |
|--|---------------------|
| If $x \leq -\frac{9}{5}$ | then go to 2 |
| If $x \geq -\frac{9}{5}$ | then go to 3 |
| If $x \leq -3$ | then go to 4 |
| If $x \geq -3$ | then go to 5 |

Chilean Hideout 2

What is the solution for this equation?

$$|x + 7| = 15$$

- | | |
|--|---------------------|
| If $x = 8$ or 11 | then go to 4 |
| If $x = -8$ or 11 | then go to 3 |
| If $x = 8$ or -22 | then go to 7 |
| If $x = 8$ or -8 | then go to 6 |

Chilean Hideout 3

What is the *first* incorrect step in the problem below?

Solve: $10x - 4 = 5x + 11 + 2x$

Step 1: $10x - 4 = 7x + 11$

Step 2: $3x - 4 = 11$

Step 3: $3x = 7$

Step 4: $x = \frac{7}{4}$

If step 1 then go to 1

If step 2 then go to 5

If step 3 then go to 2

If step 4 then go to 6

Chilean Hideout 4

What is the range of the function represented by the list of ordered pairs below?

$\{(-2,5), (0,4), (3,6), (5,1)\}$

If $\{-2, 0, 3, 5\}$

then go to 8

If $\{-2, 0, 2, 6\}$

then go to 1

If $\{-2, 0, 1, 3\}$

then go to 2

If $\{1, 4, 5, 6\}$

then go to 3

Chilean Hideout 5

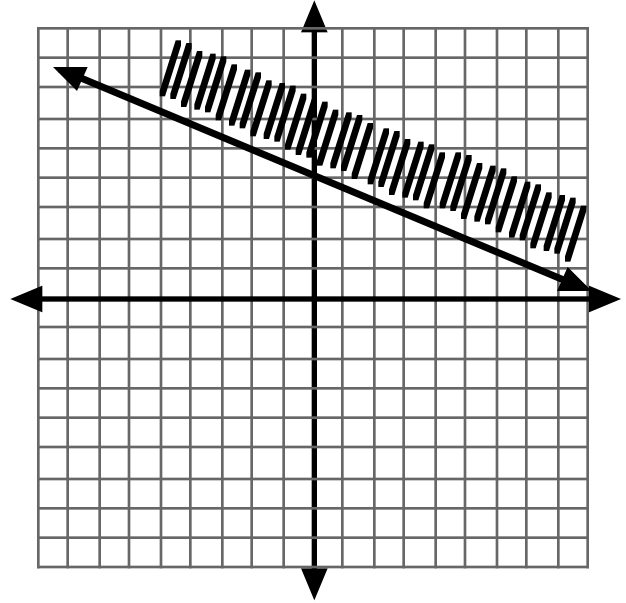
Which inequality is shown on the graph?

If $y \geq -\frac{2}{5}x + 4$ then go to 6

If $y > -\frac{2}{5}x + 4$ then go to 7

If $y \leq -\frac{2}{5}x + 4$ then go to 8

If $y \geq -\frac{5}{2}x + 4$ then go to 1



Chilean Hideout 6

Which of the following points lies on the line defined by $y = -3x + 5$?

If $(-2, -1)$

then go to 8

If $(1, 8)$

then go to 7

If $(0, 2)$

then go to 5

If $(2, -1)$

then go to 4

Chilean Hideout 7

What is the domain of the function represented by the list of ordered pairs below?

$\{(0,2), (-3,6), (4,8), (2,5), (-3,4)\}$

If $\{2, 4, 5, 6, 8\}$	then go to 5
If $\{0, 4, 6, 8\}$	then go to 6
If $\{-3, 0, 2, 4\}$	then go to 8
If all real numbers	then go to 1

Chilean Hideout 8

If $2x - 3 \leq 9$, then $x < 6$. Which equation can serve as a counterexample?

If $x = 0$	then go to 3
If $x = 4$	then go to 4
If $x = 6$	then go to 1
If $x = 10$	then go to 5