

SOLVING FOR Y SCAVENGER HUNT

D

$$3x + y = 7$$

$$-10y - 10 = 30x$$

$$y = \frac{5}{3}x + \frac{1}{2}$$

DIRECTIONS

Students practice solving for y . Instead of just sitting at their seats doing a worksheet, they can be up moving around the room! Post the pages around your room in a random order. The students may start on any letter they choose. They first solve the problem on the top of the page. Then, they are to find the answer to their problem on the bottom of another page. They then solve the problem on the top of that page. They continue around the room until they return to the first page where they started their scavenger hunt. Starting with the "D" page the slides spell DORMANCIES when solved in the correct order. Enjoy!

D

$$3x + y = 7$$

$$y = -3x - 1$$

0


$$2x + 3y = 8$$



$$y = -3x + 7$$

R

$$-4y + 6x = 12$$


$$y = -\frac{2}{3}x + \frac{8}{3}$$

M

$$-x + 2y = 14$$

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

A

$$3y - 5x = 21$$

$$y = \frac{1}{2}x + 7$$

N

$$3x - y = 10$$

$$y = \frac{5}{3}x + 7$$

C

$$-8x + 6y = 28$$



$$y = 3x - 10$$

1

$$-5x - 2y = 42$$

$$y = \frac{4}{3}x + \frac{14}{3}$$

E

$$3 - 6y = 10x$$

$$y = -\frac{5}{2}x - 21$$

S

$$-10y - 10 = 30x$$

$$y = \frac{5}{3}x + \frac{1}{2}$$