

#1

How many solutions does the system of equations below have?

$$y = -6x + \frac{1}{3} \quad y = -6x - 7$$

- one solution infinitely many solutions no solution

Show your work

#2

How many solutions does the system of equations below have?

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

- no solution one solution infinitely many solutions

Show your work

#3

How many solutions does the system of equations below have?

$$y = \frac{4}{9}x - 1 \quad y = \frac{3}{5}x + \frac{5}{8}$$

- one solution no solution infinitely many solutions

Show your work

#4

How many solutions does the system of equations below have?

$$y = \frac{1}{7}x + \frac{1}{10} \qquad y = \frac{1}{7}x + \frac{8}{9}$$

- no solution
 one solution
 infinitely many solutions

Show your work

#5

How many solutions does the system of equations below have?

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

- infinitely many solutions
 one solution
 no solution

Show your work

#6

How many solutions does the system of equations below have?

$$y = \frac{1}{2}x - 4 \qquad y = \frac{1}{2}x + 7$$

- infinitely many solutions
 no solution
 one solution

Show your work

#7

How many solutions does the system of equations below have?

$$y = \frac{4}{7}x + 2 \qquad y = 2x + 1$$

- infinitely many solutions
 no solution
 one solution

Show your work

#8

How many solutions does the system of equations below have?

$$y = \frac{1}{2}x - 2 \qquad y = \frac{1}{2}x + \frac{1}{2}$$

- infinitely many solutions
 one solution
 no solution

Show your work

#9

How many solutions does the system of equations below have?

$$y = -4x + 2 \qquad y = -4x + 2$$

- infinitely many solutions
 no solution
 one solution

Show your work

#10

How many solutions does the system of equations below have?

$$y = 3x + 6 \quad y = 3x - 6$$

- one solution
 no solution
 infinitely many solutions

Show your work

#11

How many solutions does the system of equations below have?

$$y = -1x + 2 \quad y = -1x + 2$$

- one solution
 no solution
 infinitely many solutions

Show your work

#12

How many solutions does the system of equations below have?

$$y = -5x + \frac{1}{10} \quad y = -5x - 2$$

- one solution
 no solution
 infinitely many solutions

Show your work

Question	Answer
#1	choice 3
#2	choice 1
#3	choice 1
#4	choice 1
#5	choice 2
#6	choice 2
#7	choice 3
#8	choice 3
#9	choice 1
#10	choice 2
#11	choice 3
#12	choice 2