

#1

How many solutions does the system of equations below have?

$$y = \frac{3}{7}x - 7 \qquad y = 3x + 9$$

- one solution
 infinitely many solutions
 no solution

Show your work

#2

How many solutions does the system of equations below have?

$$y = -4x + \frac{2}{5} \qquad y = -4x + \frac{3}{8}$$

- infinitely many solutions
 no solution
 one solution

Show your work

#3

How many solutions does the system of equations below have?

$$y = \frac{5}{7}x + \frac{7}{9} \qquad y = \frac{3}{10}x - 7$$

- no solution
 infinitely many solutions
 one solution

Show your work

#4

How many solutions does the system of equations below have?

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

- no solution one solution infinitely many solutions

Show your work

#5

How many solutions does the system of equations below have?

$$y = -2x + \frac{5}{7} \quad y = -2x + 8$$

- no solution one solution infinitely many solutions

Show your work

#6

How many solutions does the system of equations below have?

$$y = \frac{1}{8}x + 6 \quad y = \frac{1}{2}x - 7$$

- no solution infinitely many solutions one solution

Show your work

#7

How many solutions does the system of equations below have?

$$y = \frac{3}{5}x - 1 \quad y = \frac{3}{5}x - 1$$

- infinitely many solutions
 one solution
 no solution

Show your work

#8

How many solutions does the system of equations below have?

$$y = -3x + \frac{1}{5} \quad y = \frac{1}{2}x - 8$$

- one solution
 infinitely many solutions
 no solution

Show your work

#9

How many solutions does the system of equations below have?

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

- infinitely many solutions
 no solution
 one solution

Show your work

#10

How many solutions does the system of equations below have?

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

- one solution
 no solution
 infinitely many solutions

Show your work

#11

How many solutions does the system of equations below have?

$$y = -7x + 6 \quad y = -1x + 6$$

- infinitely many solutions
 one solution
 no solution

Show your work

#12

How many solutions does the system of equations below have?

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

- infinitely many solutions
 one solution
 no solution

Show your work

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