

#1

How many solutions does the system of equations below have?

$$y = \frac{3}{4}x + \frac{1}{2} \qquad y = \frac{3}{4}x + \frac{1}{2}$$

- one solution
 no solution
 infinitely many solutions

Show your work

#2

How many solutions does the system of equations below have?

$$y = \frac{1}{2}x + \frac{5}{9} \qquad y = \frac{9}{10}x + 8$$

- one solution
 no solution
 infinitely many solutions

Show your work

#3

How many solutions does the system of equations below have?

$$y = 1x + \frac{1}{2} \qquad y = 6x + 6$$

- one solution
 no solution
 infinitely many solutions

Show your work

#4

How many solutions does the system of equations below have?

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

- no solution
 infinitely many solutions
 one solution

Show your work

#5

How many solutions does the system of equations below have?

$$y = \frac{6}{7}x + 9 \qquad y = \frac{6}{7}x + 9$$

- infinitely many solutions
 no solution
 one solution

Show your work

#6

How many solutions does the system of equations below have?

$$y = -7x - 9 \qquad y = \frac{3}{7}x - 4$$

- one solution
 no solution
 infinitely many solutions

Show your work

#7

How many solutions does the system of equations below have?

$$y = 7x + \frac{4}{5} \quad y = 7x + \frac{4}{5}$$

- no solution infinitely many solutions one solution

Show your work

#8

How many solutions does the system of equations below have?

$$y = \frac{1}{4}x + 4 \quad y = \frac{1}{4}x + 4$$

- infinitely many solutions no solution one solution

Show your work

#9

How many solutions does the system of equations below have?

$$y = \frac{1}{2}x + 7 \quad y = -8x + \frac{3}{4}$$

- no solution infinitely many solutions one solution

Show your work

#10

How many solutions does the system of equations below have?

$$y = \frac{7}{9}x + \frac{2}{3} \qquad y = 9x - 1$$

- no solution
 one solution
 infinitely many solutions

Show your work

#11

How many solutions does the system of equations below have?

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

- no solution
 infinitely many solutions
 one solution

Show your work

#12

How many solutions does the system of equations below have?

$$y = \frac{1}{4}x + \frac{5}{8} \qquad y = \frac{1}{4}x + \frac{5}{8}$$

- one solution
 infinitely many solutions
 no solution

Show your work

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