

#1

How many solutions does the system of equations below have?

$$y = \frac{3}{5}x + 4 \quad y = \frac{3}{5}x + 7$$

- ☐ infinitely many solutions
 ☐ one solution
 ☐ no solution

Show your work

#2

How many solutions does the system of equations below have?

$$y = \frac{1}{5}x - 6 \quad y = 5x - 2$$

- ☐ one solution
 ☐ infinitely many solutions
 ☐ no solution

Show your work

#3

How many solutions does the system of equations below have?

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

- ☐ no solution
 ☐ infinitely many solutions
 ☐ one solution

Show your work

#4

How many solutions does the system of equations below have?

$$y = \frac{7}{8}x - 9 \quad y = \frac{1}{2}x + 5$$

- ☐ no solution
 ☐ one solution
 ☐ infinitely many solutions

Show your work

#5

How many solutions does the system of equations below have?

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

- ☐ one solution
 ☐ no solution
 ☐ infinitely many solutions

Show your work

#6

How many solutions does the system of equations below have?

$$y = 9x + 2 \quad y = 9x + 2$$

- ☐ no solution
 ☐ one solution
 ☐ infinitely many solutions

Show your work

#7

How many solutions does the system of equations below have?

$$y = -1x + \frac{7}{10} \quad y = \frac{5}{8}x - 6$$

- ☐ no solution
 ☐ infinitely many solutions
 ☐ one solution

Show your work

#8

How many solutions does the system of equations below have?

$$y = 6x + 8 \quad y = 6x + 8$$

- ☐ one solution
 ☐ no solution
 ☐ infinitely many solutions

Show your work

#9

How many solutions does the system of equations below have?

$$y = -3x + 2 \quad y = -3x + 2$$

- ☐ no solution
 ☐ infinitely many solutions
 ☐ one solution

Show your work

#10

How many solutions does the system of equations below have?

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

- ☐ infinitely many solutions
 ☐ one solution
 ☐ no solution

Show your work

#11

How many solutions does the system of equations below have?

$$y = \frac{3}{8}x + 7 \quad y = 1x + \frac{5}{7}$$

- ☐ one solution
 ☐ infinitely many solutions
 ☐ no solution

Show your work

#12

How many solutions does the system of equations below have?

$$y = \frac{2}{9}x - 5 \quad y = \frac{2}{9}x - 2$$

- ☐ infinitely many solutions
 ☐ no solution
 ☐ one solution

Show your work

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