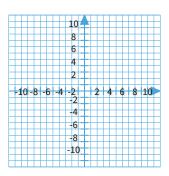
Classify a System of Equations by Graphing

Name:

#1

Graph these equations. Click to select points on the graph. Which describes the system of equations?



$$y = \frac{2}{7}x - 7$$

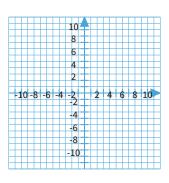
 $y = \frac{3}{7}x - 8$

- O consistent, independent
- inconsistent
- O consistent, dependent

Show your work

#2

Graph these equations. Click to select points on the graph. Which describes the system of equations?



$$y=1\frac{3}{4}x+9$$

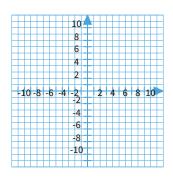
 $y=1\frac{3}{4}x-3$

- consistent, dependent
- consistent, independent
- inconsistent

Show your work

#3

Graph these equations. Click to select points on the graph. Which describes the system of equations?



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

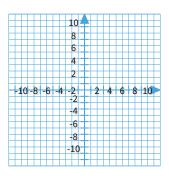
 $y=-1\frac{4}{5}x-3$

- onsistent, independent
- O inconsistent
- O consistent, dependent

Name:

#4

Graph these equations. Click to select points on the graph. Which describes the system of equations?



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

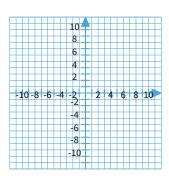
 $y = \frac{1}{5}x + 4$

- O inconsistent
- O consistent, independent
- O consistent, dependent

Show your work

#5

Graph these equations. Click to select points on the graph. Which describes the system of equations?



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

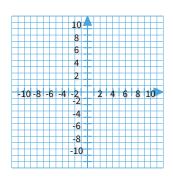
 $2y=-2\frac{4}{5}x+2$

- consistent, independent
- inconsistent
- consistent, dependent

Show your work

#6

Graph these equations. Click to select points on the graph. Which describes the system of equations?



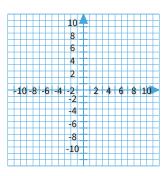
$$y = -\frac{1}{2}x - 1$$

 $y = 1x + 2$

- consistent, independent
- inconsistent
- O consistent, dependent

#7

Graph these equations. Click to select points on the graph. Which describes the system of equations?



$$y = \frac{8}{9}x + 6$$

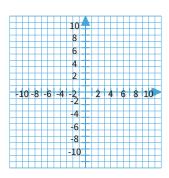
 $y = \frac{2}{3}x + 4$

- onsistent, independent
- O consistent, dependent
- O inconsistent

Show your work

#8

Graph these equations. Click to select points on the graph. Which describes the system of equations?



$$y = \frac{7}{9}x + 2$$

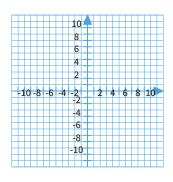
2y=1 $\frac{5}{9}x + 4$

- onsistent, independent
- inconsistent
- consistent, dependent

Show your work

#9

Graph these equations. Click to select points on the graph. Which describes the system of equations?



$$y = -\frac{8}{9}x - 9$$

 $3y = -2\frac{2}{3}x - 27$

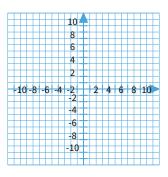
- inconsistent
- O consistent, dependent
- consistent, independent

II Classify a System of Equations by Graphing

Name:

#10

Graph these equations. Click to select points on the graph. Which describes the system of equations?



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

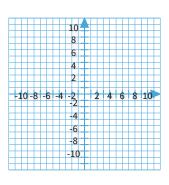
 $y=3\frac{1}{2}x+3$

- consistent, dependent
- inconsistent
- O consistent, independent

Show your work

#11

Graph these equations. Click to select points on the graph. Which describes the system of equations?



$$y=1x-7$$

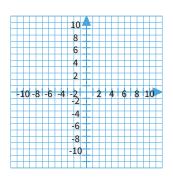
3y=3x-21

- consistent, independent
- consistent, dependent
- inconsistent

Show your work

#12

Graph these equations. Click to select points on the graph. Which describes the system of equations?



$$y=-\frac{2}{3}x+6$$

2y=-1\frac{1}{3}x+12

- inconsistent
- O consistent, independent
- consistent, dependent

II Classify a System of Equations by Graphing

Answer Key

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