

Systems of Equations: Lesson 4a

Strange Solutions: Notes



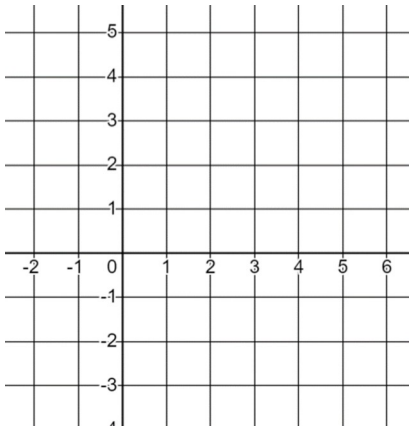
Name: _____

3 ways we can solve linear systems of equations:

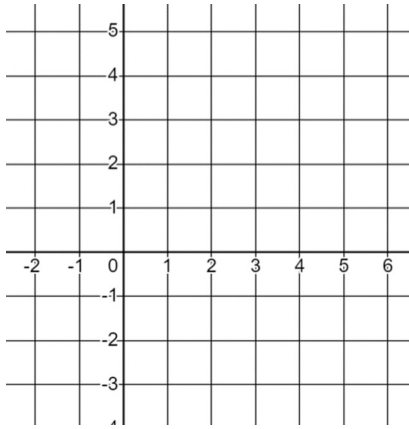
_____ / _____ / _____

3 things that can happen when we solve linear systems:

1: _____ 2: _____ 3: _____

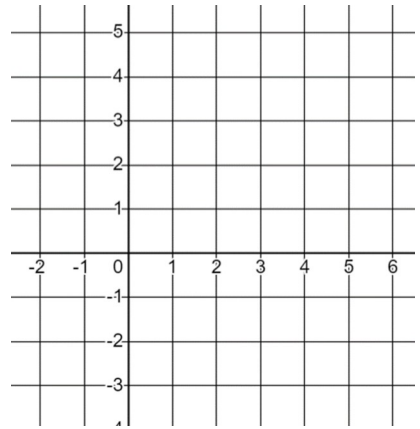


The answer is a



$0=3$

" _____ " " _____ "



$0=0$

" _____ " " _____ "

Solve:

$$3x - 4y = 7$$

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

" _____ " " _____ "

$$3x - 4(\text{_____}) = 7$$

$$3x - \text{_____} + \text{_____} = 7$$

$$\text{_____} + \text{_____} = 7$$

$$\text{_____} = 7$$

Solve:

$$\frac{4}{5}x - \frac{3}{5}y = 3.6 \longrightarrow \underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$8x = 6y + 72 \longrightarrow \underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

" _____ "