



Up to parent Mind Map - 8th Grade CC 8.8 Math

8.EE - Expressions and Equations - Work with radicals and integer exponents

CCSS - Math 8.EE - Expressions and Equations



CC 8.8 Math 8.EE - Expressions and Equations

8.EE.8.A Analyze and solve systems of simultaneous linear equations

8.EE.8.A Understand that solutions to a system of two linear equations in two variables correspond to points of intersection of their graphs, because points of intersection satisfy both equations simultaneously.

8.EE.8.B Solve systems of two linear equations in two variables algebraically, and estimate solutions by graphing the equations. Solve simple CMAA by inspection.

8.EE.8.C Solve real-world and mathematical problems leading to two linear equations in two variables. For example, given coordinates for two pairs of points, determine whether the line through the first pair of points intersects the line through the second pair.

Y.1: Systems of linear equations: Is $(2, 1)$ a solution to this system of equations?

$$\begin{cases} 2x + 3y = 10 \\ x + 3y = 9 \end{cases}$$

Practice (2) = 1

Y.2: Systems of linear equations: Solve a system of equations by graphing

Graph these equations:

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

How many solutions does the system of equations have?

☐ no solution
☐ one solution
☐ infinitely many solutions

Practice (2) = 1

Y.4: Systems of linear equations: Find the number of solutions to a system of equations by graphing

Graph this system of equations and solve.

$$\begin{cases} y = 3x + 4 \\ y = \frac{2}{3}x - 3 \end{cases}$$

Practice and video tutorials

Practice (2) = Khan Academy

CCSS Math 8.EE.8.A (7.2) = 1

Many Connected 8.EE.8 (7.2) = 1

ExamView Dynamic Questions (7.2) = 1

Clicker questions (7.2) = 1

Interactivia

Wolfram Math Interactivity

GeoGebra

Solve a system of two linear equations in two variables

MathTV - 2 tutorials

Includes tutorial in Spanish

Solving Linear Systems by Graphing

MathTV - 2 tutorials

Includes tutorial in Spanish



goo.gl/0UVRd

QR Code and link to this Mind Map

Getting around in this Mind Map

Topic

Mouse over to show note

Mouse over to show the link & click on it to open

Click in blank area & drag mouse to move map

Zoom in, out or

Recenter map

How to navigate this map

3. Find x.

Here it is

A little humor

