How do you find or approximate the point of intersection of two lines without using a graph?



## In this lesson you will learn to find the x-coordinate of the intersection of two equations by making a table.



#### Let's Review

A solution is a value or set of values that make an equation true. y = 2x

x=2, y=4 TRUE! x=4, y=8 TRUE! x=6 y=12 TRUE!



#### Let's Review

A solution to a system of equations is a value that makes both equations true.





#### Let's Review





### slope-intercept form





### A Common Misunderstanding



We need to S First we can write 2 identify our slope equations! tions: ese pizza at Par 6.80 plus \$0.90 for and y-intercept The cost of a large cheese pioner is \$7.30 plus \$0.65 for each topping. S Pizza How many toppings need to be added to a large cheese pizza from Paradise and Geno's in order for the pizzas to cost the same, not including tax? slope y-intercept Geno's y=.65x + 7.30 LEARN Paradise y=.90x + 6.80



# In this lesson you have learned to find the x-coordinate of the intersection of two equations by making a table.

