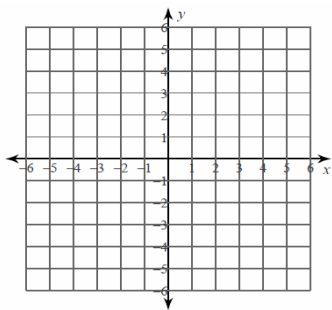


Prerequisite – Review of Math 1 , 2 , and 3 Topics & Concepts

Review of Math 1 Topics: Example 1

a.) Solve for x:
 $5x - 3(x - 4) = 6(x + 8)$

b.) Graph the line:
 $4x + 5y = 15$



c.) Solve the system:
 $14x + 6y = -2$
 $7x - 5y = -17$

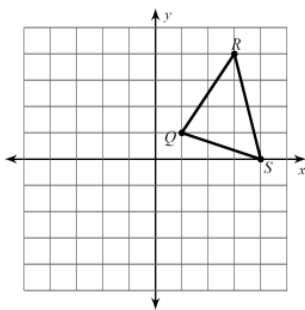
d.) Alex and Beth are in the same math class. Beth's test average is 4.5 lower than Alex's. What did Beth make on her Test # 2 and # 4?

Test #	1	2	3	4
Alex	87	96	72	92
Beth	94	x	81	x

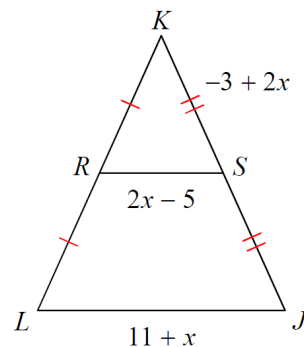
Review of Math 2 Topics: Example 2

a.) Solve for x (using factoring):
 $3x^2 + 10x - 5 = 3$

b.) Perform following geometric transformations for graph below:
1.) Rotate 90° counter clockwise
2.) Translate down 5 and right 2



c.) Given: RS is midseg of $\triangle JKL$
Find: length of KS



Review of Math 3 Topics: Example 3

a.) Find the zeros to polynomial:
 $P(x) = 2x^3 + 5x^2 - 8x - 20$

b.) Find the inverse function:
 $y = e^{3x+6} - 7$

c.) Find measure of arc XY:

