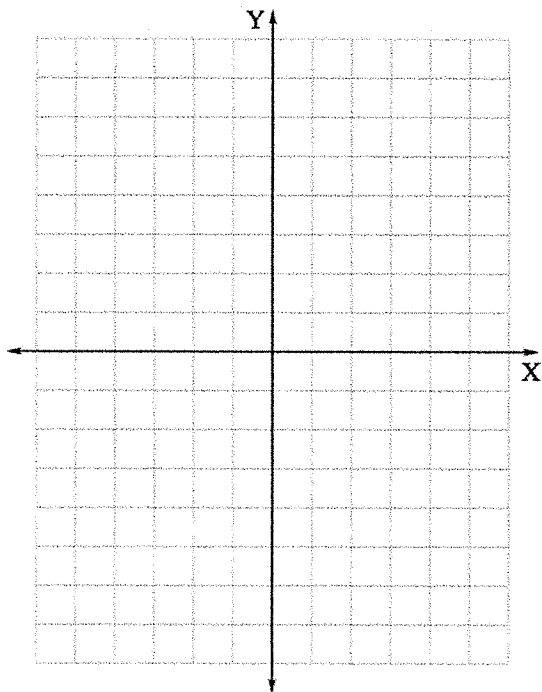


Study Session for Quiz on 1st half of Chapter 3

1. The Coordinate Plane:

a) Label the quadrants, b) scale the axes, and c) plot the following points:

A (0, -3) B (4, -6) C (-3, -1) D (5, 0) E (1, 8) F (-5, 3)



2. Fraction Addition and Subtraction

a) $\frac{1}{3} + 2\frac{3}{5} + 9\frac{1}{6} + 3\frac{1}{2} =$

b) $12\frac{4}{9} - 4\frac{5}{6} =$

3. Word problems:

- a) Jason and Kevin were swimming laps. The ratio of number of laps completed was 7 : 4. How many laps did Jason swim if he completed 39 more than Kevin?
- b) Kelly had \$360 but she had to pay back her friends. She gave 15% to Jack, $\frac{1}{5}$ to Sam, and 0.45 to Bethany. How much did she have left?
- c) Chris was out to lunch and the bill came to \$64. He wanted to leave a 22% tip. How much should he leave for the bill and tip combined?
- d) Kim made a fruit punch and the ratio of lemonade to ginger ale to strawberry juice was 2:2:1. What percent of the drink was lemonade?

4. Long Division Problems

a) $\frac{400}{11}$

b) $\frac{.04}{80}$

5. Fraction/Decimal/Percent Equivalencies

Fraction	Decimal	Percent
$\frac{7}{5}$		
		1.5%
	$0.\bar{5}$	
		37.5%
$\frac{9}{20}$		
	0.111	
		0.2%
$\frac{7}{8}$		