Bell Work

4/22/2015

What are the x and y-intercepts of the following.

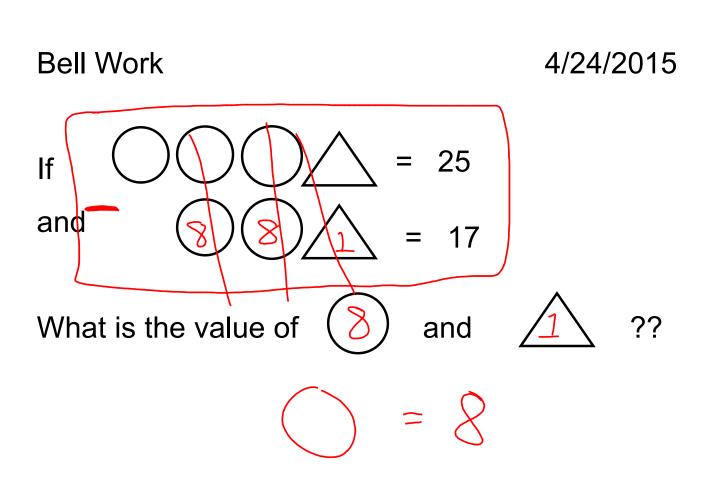
You may need to recall the x-value for a y-intercept & the y-value for a x-intercept.

$$\begin{array}{c} x \text{ int, } y = 0 & 3x - 12y = -24 \\ y \text{ int, } x = 0 \\ 3x - 1240 = -24 \\ 3x - 1240 = -24 \\ 3x = -24 \\ -12y = -24 \\ -12 & -12 \\ -1$$

I will collect any re-works you have completed.

Working with shapes and numbers....what is the value of each shape?

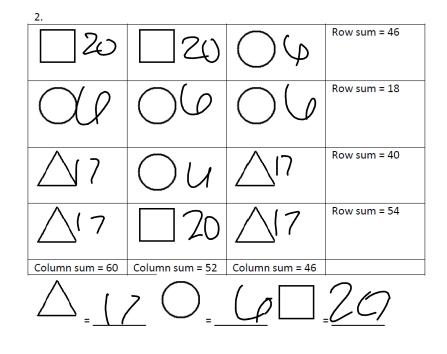
\bigcirc			Row sum = 46
\triangle	\bigtriangleup	\bigtriangleup	Row sum = 27
	\triangle	\triangle	Row sum = 32
		\bigtriangleup	Row sum = 37
Column sum = 55	Column sum = 46	Column sum = 41	

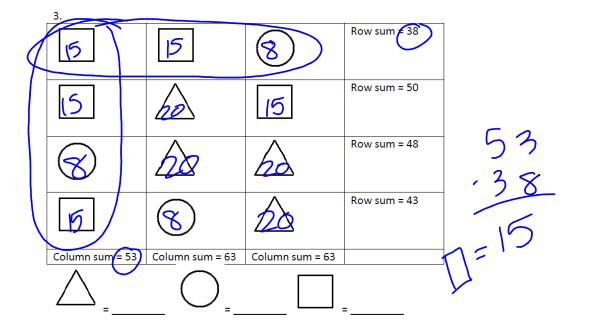


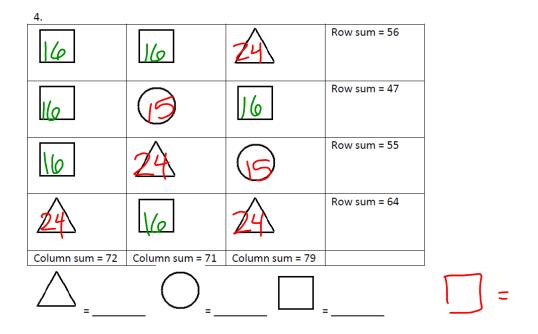
Part 1 (Complete in Class)

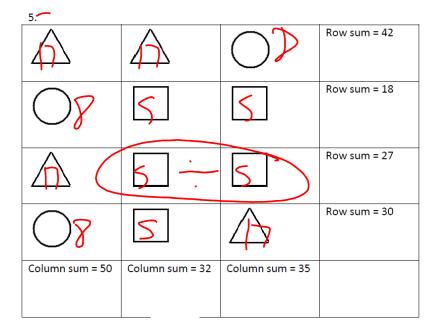
Find the value of each shape so that they will add up to give you the specified sums in each row <u>and</u> each column.

(1			
	K	14	14	Row sum = 46
	Â		9	Row sum = 27
	4	A	<u>9</u>	Row sum = 32
	Щ	14		Row sum = 37
	Column sum = 55	Column sum = 46	Column sum = 41	

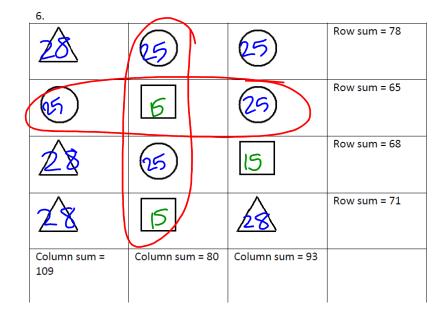








J ()=8 =17 =5



Part 2 Drawing your own shapes

For each of the following *systems of equations*, draw out the equations using shapes $\square, \bigcirc, \bigtriangleup$ to help you find their values! (The first one is started for you.)

1. Equations: 2x + z = 46 3z = 18 2y + z = 40 x = 20 y = 17 z = 6Drawing: 2x + z = 46 2y + z = 40 x = 20 y = 17z = 6

