

Math 3. Homework 5

1.

Arrange the numbers in order. Begin with the smallest:

- a) 8723, 8783, 8328, 8629 _____
- b) 2013, 2987, 2897, 2310 _____

2.

Arrange the numbers in orders. Begin with the greatest:

- a) 3271, 3172, 3217, 3322 _____
- b) 4927, 4836, 4754, 4521 _____

3.

Find the value of the expression $(a + b) + c$ for $a = 385$; $b = 428$; $c = 15$.

[illegible]

4.

What number c represents in each equation below:

- a) $30 + c = 130$ $c =$ _____
 b) $c + 10 = 105$ $c =$ _____
 c) $c - 8 = 11$ $c =$ _____
 d) $120 - c = 109$ $c =$ _____

5.

The two – way table shows some information about the number of students in a school. Complete two–way table.

	Year Group			Total
Grade	1	2	3	
Boys			35	120
Girls		40		
Total	85	82		254

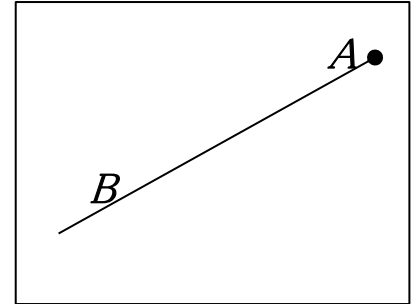
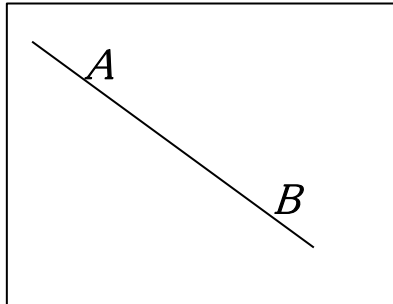
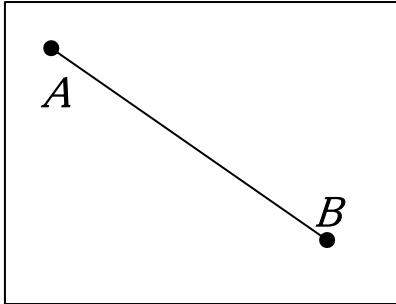
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6. Connect the names with the appropriate drawings.

Straight line AB

Segment AB

Ray AB



7. Three children – Eli, Victoria and Julia are asked to name their favorite subject out of Math, PE and Art. They each give a different answer. Find out which child like which subject. Draw a table to help yourself.

Clue 1: Eli likes working with numbers.

Clue 2: Julia does not like to draw or paint.

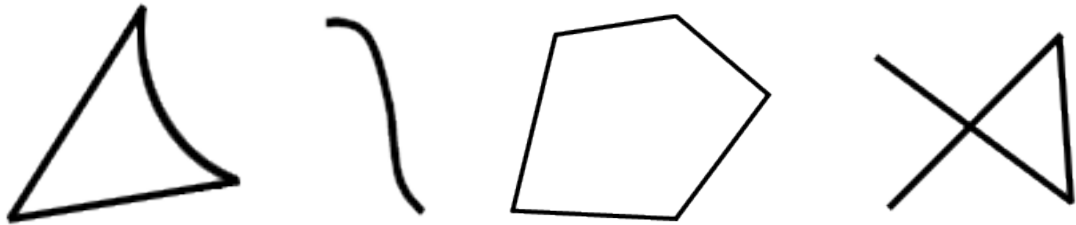
8. In a race the four fastest runners were Milan, Ronav, Ashton and Elliot. Find out who finished in 1st, 2nd, 3rd and 4th places. Make a table or drawing to help yourself.

- *Milan finished before Ronav.*
- *Ashton finished before Elliot.*
- *Elliot finished before Milan.*

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9.

Which of the following figures are an open curve, closed curve, segmented line, polygon, or none of these?



10.

Guess the rule for each “black” box below. Using those rules, find a rule for the last box.



11.

Fill in the missing digits in the empty boxes.

$$\begin{array}{r} 3 \square 8 \\ + \square 6 \\ \hline \square \end{array}$$

$$\begin{array}{r} \square 1 \\ + \square \\ \hline 4 \square 7 \end{array}$$

$$\begin{array}{r} 2 \square \\ + \square \\ \hline \square 5 \end{array}$$

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12. Compare using $>$, $<$, or $=$.

$456 - c \text{ ___ } 365 - c$

$207 + d \text{ ___ } 720 + d$

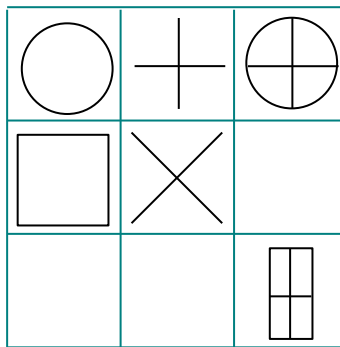
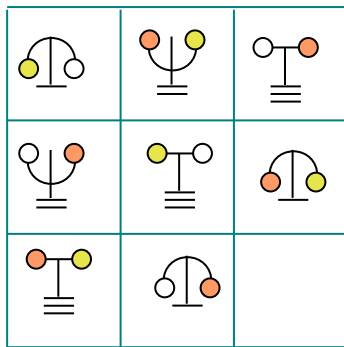
$a + 25 \text{ ___ } a + 125$

$x - 111 \text{ ___ } x - 9$

$340 - 0 \text{ ___ } 340 + 0$

$b - 602 \text{ ___ } b - 62$

13. Study the pictures below and try to recognize the patterns.
Then, draw the missing shapes in the empty boxes.



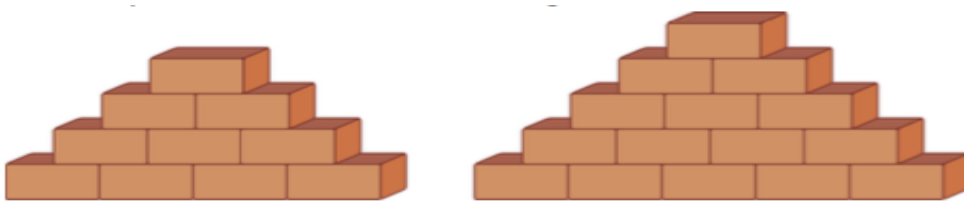
13. Construct the expressions and calculate their values.

To the sum of 45 and 36, add 5: _____

To the number 91, add the sum of 9 and 27: _____

From the sum of 78 and 46, subtract 28: _____

14. How many more bricks are there in the larger stack?



(A) 4

(B) 5

(C) 6

(D) 7

(E) 10

