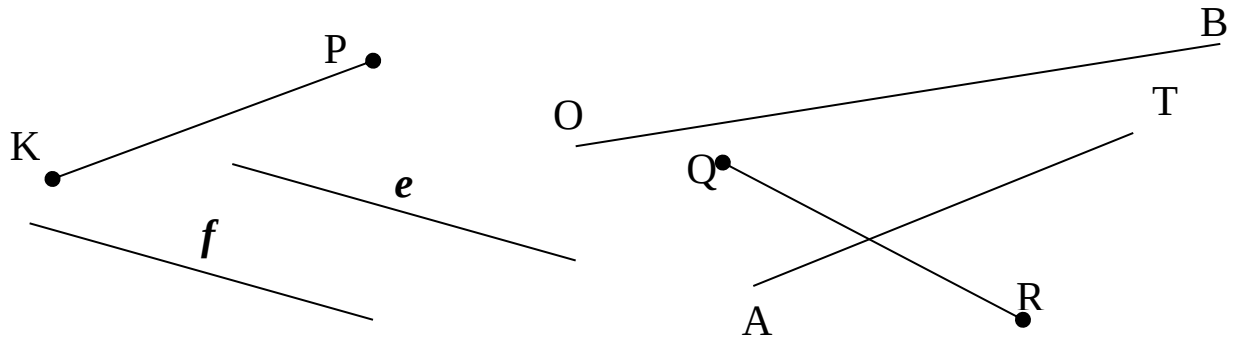
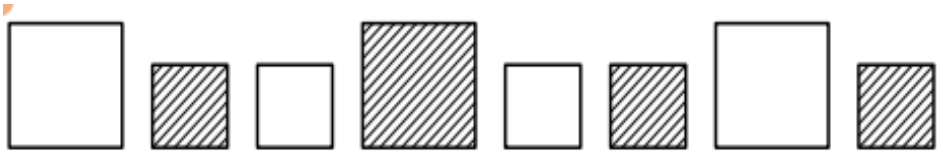
Math 2 Homework 5

1 Find straight lines and line segments. Trace the line segments with your pencil. Do they intersect? Extend the lines using a ruler and mark the intersections points.
Are there parallel lines? What are their names? _____

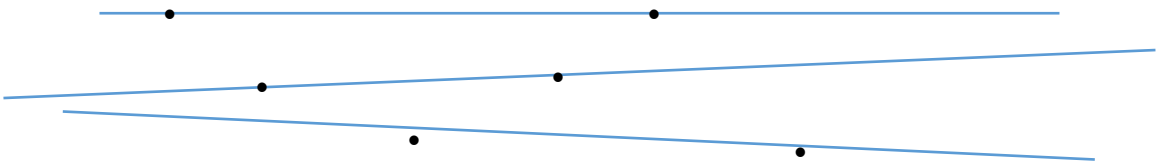


2 Continue pattern – add 4 more rectangles.



3

a) How many points are marked on each line? - ☐
b) How many points are marked on all 3 lines? - ☐



c) Draw 3 straight lines and place 3 points on each line in such a way that you will get a total 6 points. *Hint:* lines can intersect.

HW 5 **Intersection of lines. Column addition of 3-digit numbers**

4 Fill in the missed numbers in the brackets:

a) 643 = ( ) + ( ) + ( )

b) 300 + 30 + 3 = ( )

c) 302 = ( ) + ( ) + ( )

d) 900 + 0 + 9 = ( )

5 Complete the number patterns:

a) ____, _____, 20, 25, _____, _____

b) 46, 48, _____, _____

c) ____, 123, 223, ____, 423

6 Find the correct time (you may use a real clock to help you):

a) It is 2:30 pm now. In one hour, it will be _____

b) It is 2:30 pm now. In 10 minutes, it will be _____

c) It is 2:30 pm now. Two hours ago, it was _____

7 Calculate writing each problem in the columns (Don't forget to write ones under ones, etc.)

a) 324 + 81 + 4 =

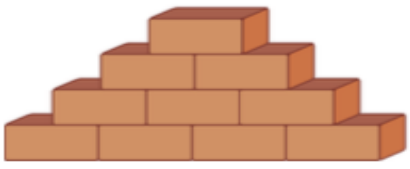
b) 402 + 109 + 30 =

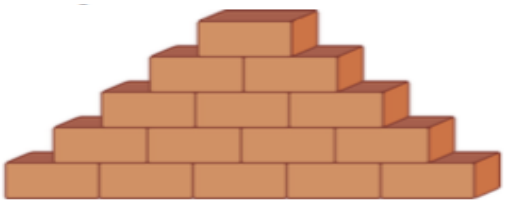
c) 299 + 101 + 55 =

8. Remember the triangular numbers? Answer the following questions:

a) How many more bricks are there in the larger stack? _____

b) How many bricks should be added if you add one additional layer of the bricks? _____





HW 5 **Intersection of lines. Column addition of 3-digit numbers**

9

Fill the missing numbers into the tables.

+	9	5	4
6			
8			
7			

+		5	8
8		13	
			17
12	19		

+	6		
	12		
14		35	
42			72

10

a) Draw a line segment $\overline{AB}$.
Draw another line segment $\overline{CD}$ in a way that the intersection between $\overline{AB}$ and $\overline{CD}$ is a point K.

b) Draw a line segment $\overline{AB}$ again below. Draw another line segment $\overline{EF}$ in a way that the intersection between $\overline{AB}$ and $\overline{EF}$ is a line segment $\overline{EB}$.