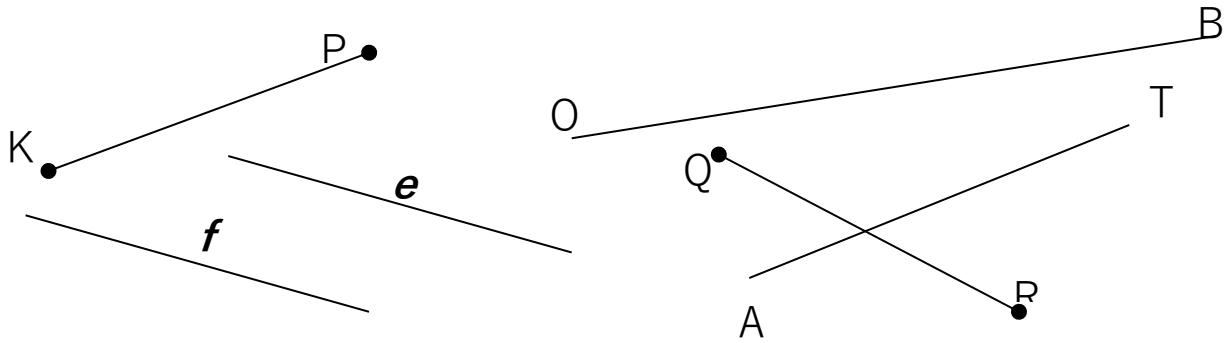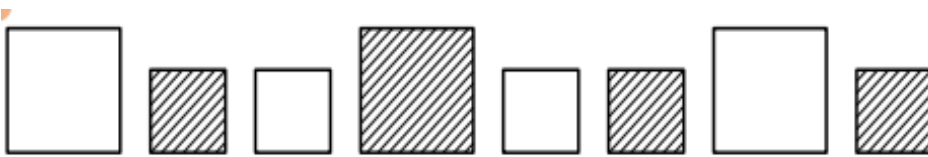# Math 2   Homework 5

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? _____
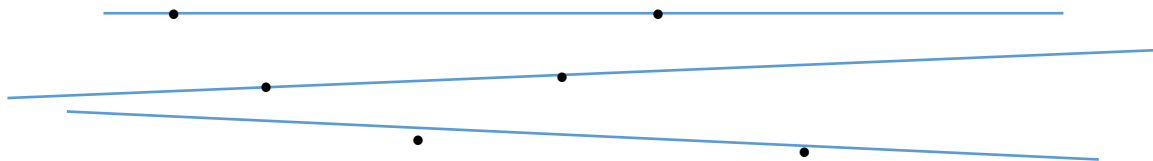
P

B

K

O

T

e

Q

f

A

R

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.

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? _____

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 $\overline{EB}$.