Math 3
Homework 1

1 a) 870 + 41= b) 106 + 81 = c) 115 + 45 + 11 =

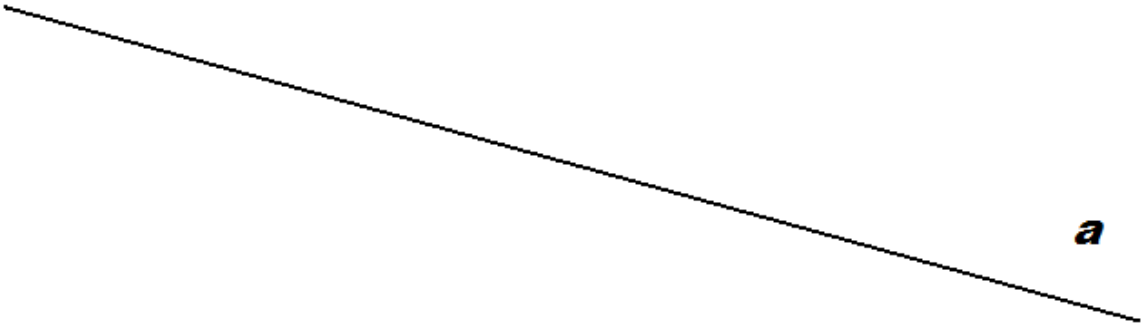
2 a) 410 – 27 = b) 831 – 47 = c) 257 – 49 + 43 =

3 Compare:

a) 6 × 4 = 2 × ___ b) 4 × ___ = 6 × 8 c) 100 × 5 = 50 × ___

d) 50 × 1 = 5 × —— e) 12 × __ = 8 × 6 f) 30 × ___= 50 × 3

4 Place points **A, B, C, D, E** on the picture below. Points **A** and **C** should be on one side of the line ***a*** and the points **B, D** and **E** on the opposite side of the line. Draw all possible rays that do not intersect the line ***a*** through each two points.



5 Fill in the table:

a	2	7	5	3	5	3	4	6
a + 4								
a x 4								

6 Write down the numbers using digits:

two hundred ninety six _____ eighty six _____

three hundred two _____ forty six _____

six hundred twenty seven _____ five hundred forty eight _____

one hundred eighty _____ nine hundred sixty _____

7 a) Lisa's bag fits into Ann's bag. Ann's bag fits into Clara's bag. Whose bag is the biggest? _____

b) Ben's tea is colder than Paul's tea but warmer than Christina's tea. Whose tea is the coldest? _____

8 Units of length.

a) 12 dm = ___ cm

b) 200 cm = __ m

10 m = ____ dm = ____ cm

20 dm = ___ cm _____ m

9 Units of mass. Write down a halfway mark between these measurements:

100 kg and 200 kg _____

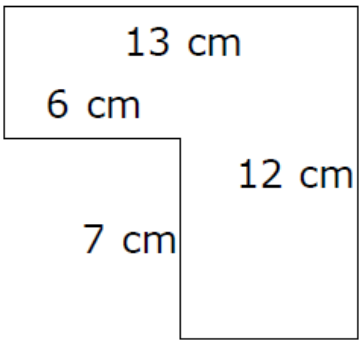
10 kg and 2000g _____

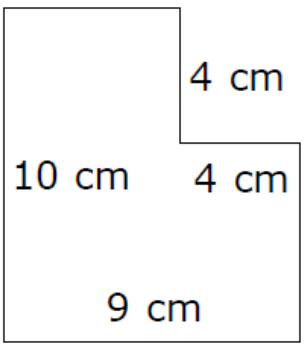
500 g and 2 kg _____

10 Calculate the money:

\$7.10	\$6.99	\$5.71	\$5.57	\$7.91
+ \$8.14	+ \$8.85	+ \$5.82	+ \$4.65	+ \$3.76

11 Find perimeters of the following rectangles:





Perimeter = _____

_____

Perimeter = _____

_____

12 It takes two hours to cook two kilos of meat. How long will it take to cook one kilo of meat? _____

13 Solve for x and check your answers. Use a diagram if you need.

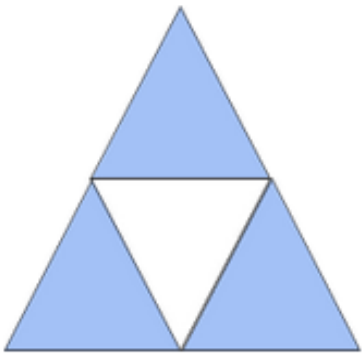
a) x + 122 = 441 b) x – 105 = 410 c) 401 – x = 115

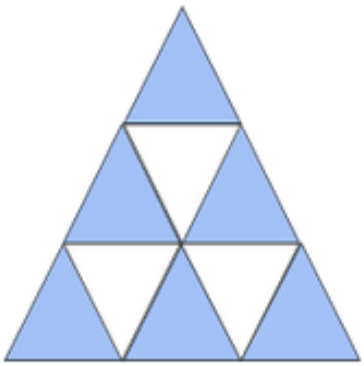
14 a. How many small triangles can you see on each drawing?

b. How many are blue?

c. How many are white?

d. How many triangles will be in the next picture in this **growing pattern?** Can you draw them?





# of small triangles = ___ # of small triangles = ___ # of small triangles = ___

# of blue triangles = ____ # of blue triangles = ____ # of blue triangles = ___

# of white triangles = ____ # of white triangles = ____ # of white triangles = ___