

2. Fill in the missing numbers (10 or 100) and signs (\times or \div).

a.) 178.2 _____ _____ = 17.82 .

b.) 26.4 _____ _____ = 0.264 .

c.) 45.6 _____ _____ = 4560 .

d.) $736\ 500$ _____ _____ = 7365 .

3. Complete the following given that $73 \times 93 = 6789$

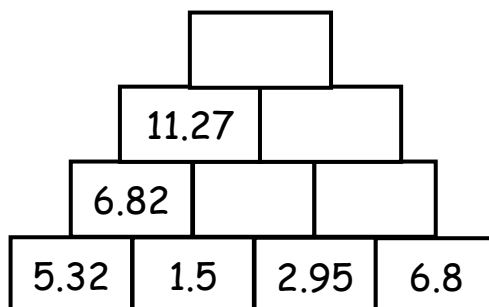
a) $730 \times 93 =$ _____

b) $67890 \div 930 =$ _____

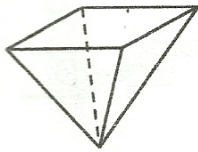
c) $7.3 \times 9.3 =$ _____

d) $6789 \div 73 =$ _____

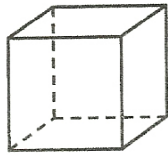
4. The number in each block is the **addition** between the numbers in the two blocks directly below. Fill in the missing numbers.



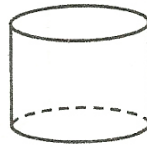
5. These are four different solids.



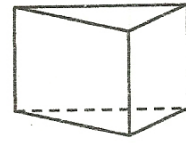
A



B



C



D

Fill in :

- a.) Solid _____ has no vertices.
- b.) The solids _____ and _____ have an equal number of faces.
- c.) Solid _____ has half the number of faces as edges.
- d.) Solid _____ has an odd number of edges.
-

6. Work out the following:

- a) I am a common multiple of 6 and 8 but I am not 48. I am less than 50. What number am I?

- b) I am a three digit number. I am less than 500 but greater than 300. All my digits are even and I am divisible by 10. If you add all three digits together they equal 10. What number am I?

7a.) Find the pairs.

460

253

676

725

250

231

_____ + _____ = 710

_____ - _____ = 22

_____ - _____ = 49

b.) Change $\frac{29}{8}$ to a mixed number - _____

c.) Change $3\frac{3}{4}$ to an improper fraction - _____

8.) Sarah worked as a hairdresser. She had 20 appointments on Saturday. $\frac{3}{5}$ of the appointments were for a blow dry and the rest for a cut.



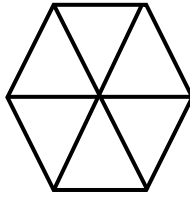
(i) How many appointments did she have for a blow dry?

_____ appointments

(ii) How many did she have for a cut?

_____ appointments

9) (i) Shade $\frac{2}{3}$ of this shape:



(ii) Write the fractions in order, smallest first.

$\frac{2}{3}$ $\frac{5}{6}$ $\frac{1}{2}$ $\frac{9}{12}$ _____

(iii) $\frac{4}{7}$ of a number is $\frac{1}{2}$ of 24. What is the number?

10.) Choose the correct signs from +, -, X, ÷

$$7 \text{ _____ } 4 = 18 \text{ _____ } 10$$

$$36 \text{ _____ } 3 = 11 \text{ _____ } 3$$

$$42 \text{ _____ } 6 = 9 \text{ _____ } 2$$

11.) Silvia 's bag when empty weighs 375g. She bought 2 bottles of milk each weighing 470g, $\frac{1}{2}$ kg of sugar and $1\frac{1}{4}$ kg of meat.

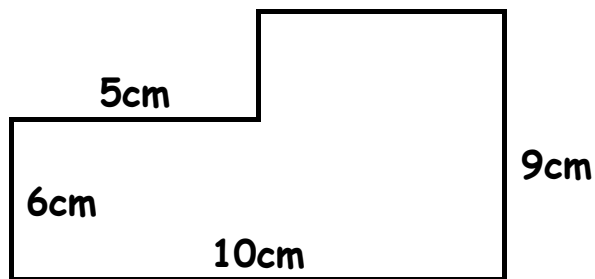
(i) Find the weight of the bag when full in **kilograms**.

_____ kg

(ii) If Silvia removed the sugar, what is the new total weight of the bag?

_____ kg

12.)



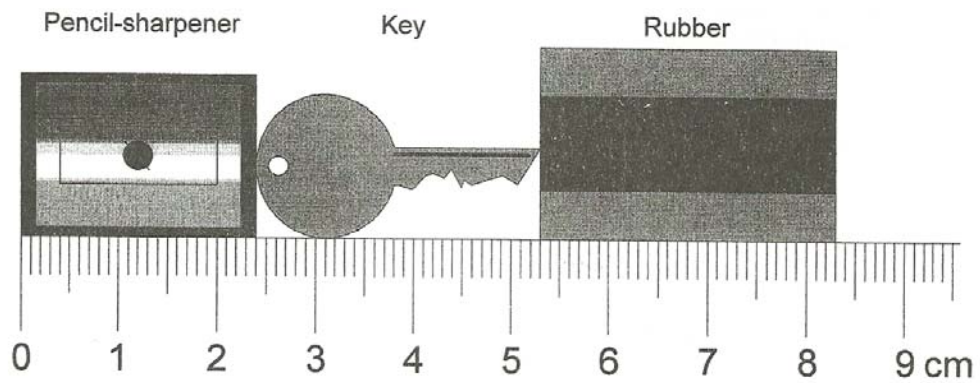
a) Find the perimeter of the shape.

_____ cm

b) Find the area of the shape.

_____ cm²

13.) These are a pencil-sharpener, a key and a rubber.



(iii) What is the length in **mm** of **all three things** together?

_____ mm

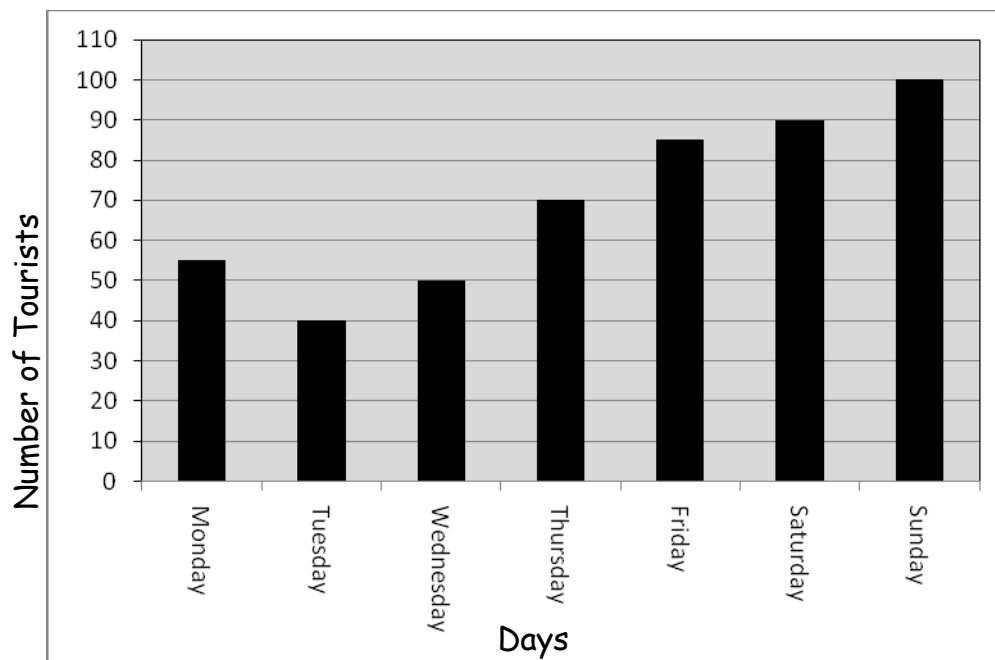
(iv) Work out the length in **cm** of the **rubber**.

_____ cm

(v) By how many mm is the rubber longer than the pencil-sharpener?

_____ mm

14.) This graph shows the number of tourists that visited the Neolithic Temples in a particular week.



a.) On which day did the largest number of tourists visit the Neolithic Temples? _____

b.) Which day had the least number of tourists? _____

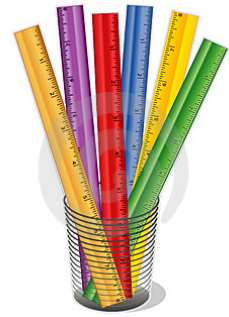
c.) How many tourists visited the temples during the weekend (Saturday and Sunday)?

_____ tourists

d.) If each tourist paid €1.50 how much money was paid during these two days ?

€ _____

15.) There are 15 rulers in a box. A box of rulers costs €5.10.



a.) What is the cost of 1 ruler

_____ c

b.) What is the cost of 45 rulers?

€ _____

c.) How many rulers are there in 98 boxes?

_____ rulers

16.) Look at these symbols.     

The value of each symbol is different from that of the others.
 Each symbol can have a value of either 1 or 2 or 3 or 4 or 5.
Work out the value of each symbol.

$$\begin{array}{rclcl}
 \spadesuit & \times & \spadesuit & = & \bullet \\
 \heartsuit & - & \triangle & = & \bullet \\
 \blacksquare & + & \triangle & = & \bullet
 \end{array}$$

$$\blacksquare = \underline{\quad} \quad \spadesuit = \underline{\quad} \quad \triangle = \underline{\quad} \quad \heartsuit = \underline{\quad} \quad \bullet = \underline{\quad}$$

END OF PAPER

<u>Marking Scheme</u>	Nos:	1 a-m	13 x 2	=	26
		2-8	7 x 4	=	28
		9	1 x 5	=	5
		10 - 15	6 x 6	=	36
		16	1 x 5	=	5
			TOTAL	=	100