





i. Tell whether each figure below is a line, line segment, or ray.

1.  = line segment 2.  = ray
3.  = line 4.  = line segment

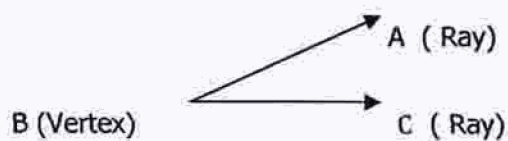
ii. Match each vocabulary word on the left with its definition on the right.

1. c line a. a straight line that has beginning and end.
2. a line segment b. a part of a line that extends endlessly in one direction
3. b ray c. a line segment extending endlessly on both sides.

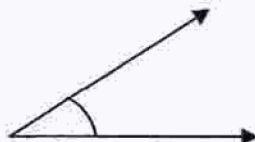
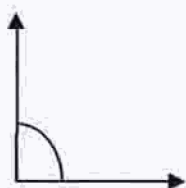
iii. Angles are formed when two lines or rays meet.

The meeting point of two lines or two rays is called the **vertex**.

A

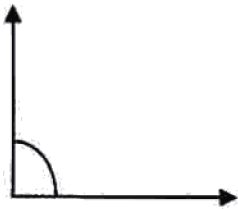


iv. Measure and name the angles below.



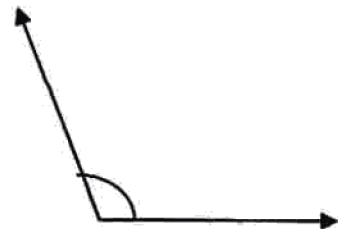
A. Measure & identify types of angles.

1)



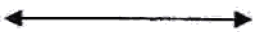
90° right angle

2)



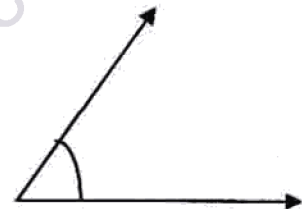
110° obtuse angle

3)



0° zero angle

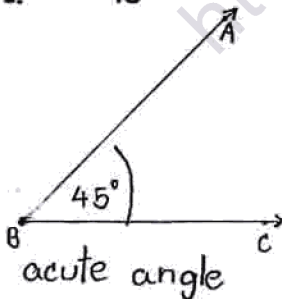
4)



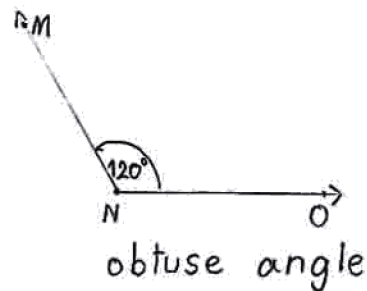
55° acute angle

B. Use the protractor to draw and name these angles.

1. 45°



2. 120°



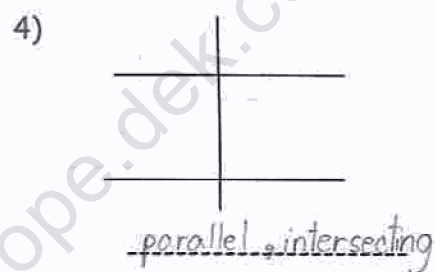
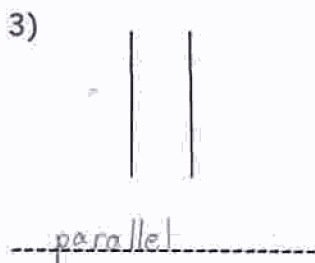
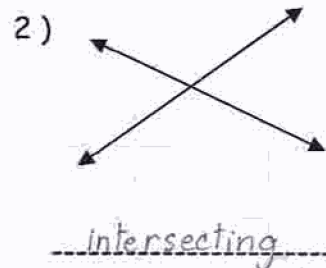
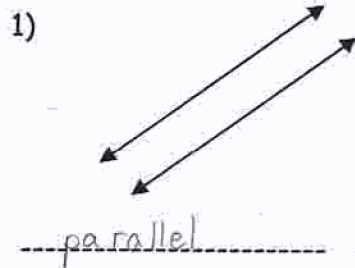
3. 90°



4. 105°



A. Indicate whether are *parallel* or *intersecting* lines.



B. Identify the polygons properties below.



Triangle



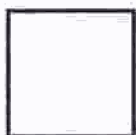
Parallelogram



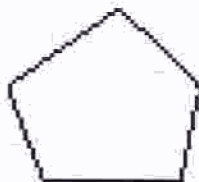
Rhombus



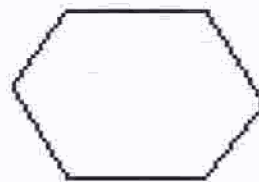
Rectangle



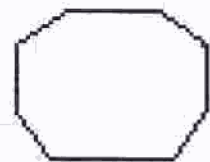
Square



Pentagon



Hexagon

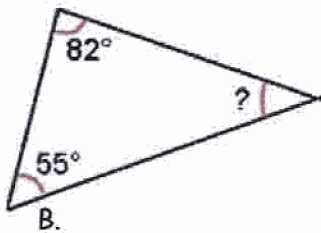


Octagon

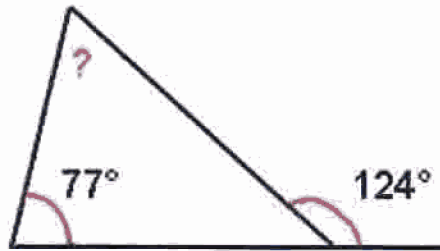
1. Triangles = 3 sides 2. Parallelogram = 4 sides

3. Rhombus = 4 sides 4. Rectangle = 4 sides

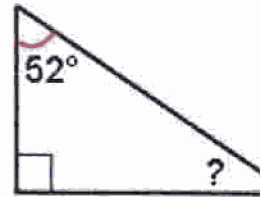
A. Find each triangle calculate the size of the unmarked angles.



..... 43°

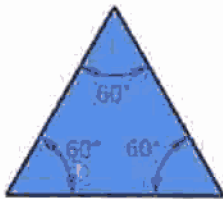


..... 47°

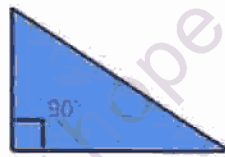


..... 38°

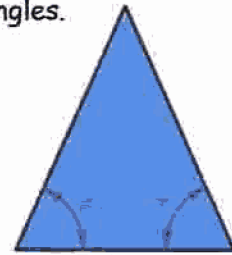
B. Classify the following triangles with respect to their angles.



..... acute-angled triangle

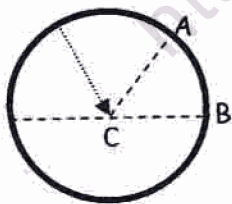


..... right-angled triangle



..... isosceles triangle

C. Name parts of the circle.



A = radius

B = diameter

c = centre

D. Find the circumference of a circle whose diameter is. (Hint : $\pi = 3.14 / \frac{22}{7}$)

1) 10 cm. = 3.14×10

= 31.4 cm.

Ans.

2) $\frac{22}{7}$ cm. = $\frac{22}{7} \times \frac{22}{7}$

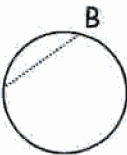
= $\frac{943}{49}$ cm. Ans.

3) 3.5 cm. = $\frac{22}{7} \times 3.5$

4) 70 cm. = $\frac{22}{7} \times 70$

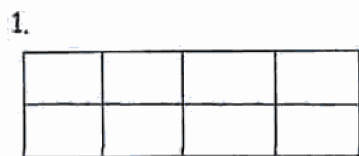
Fill in the blanks.

1. A diameter is the longest chord of a circle. (*shortest, longest*)

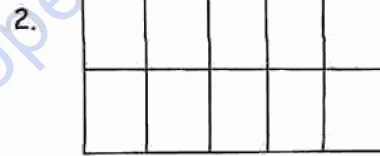
2. A  \overline{AB} is called a chord of the circle. (*chord, radius*)

3. The diameter of a circle is twice the radius. (*triple, twice*)

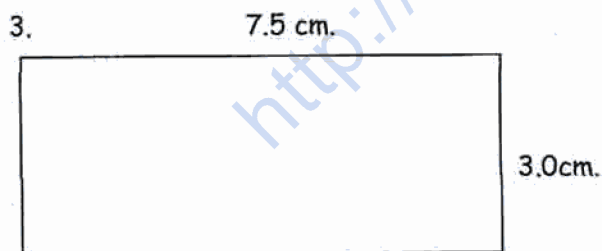
Find the areas of these rectangles on a centimeters grid.



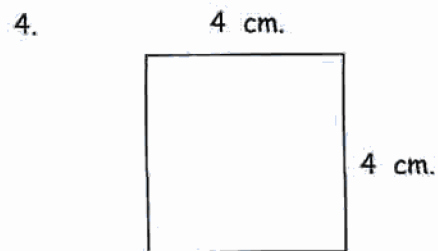
8 sq.cm.



10 sq.cm.



22.5 sq.cm.

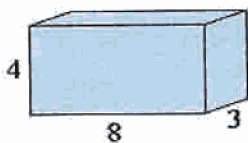


16 sq.cm.

Find the volume of each



denotes 1 cubic cm.



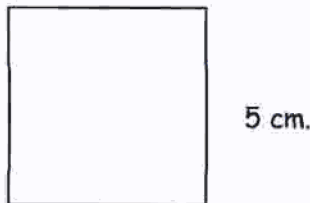
96



1 cubic unit

1. Find the area of these rectangles.

1) 5 cm.



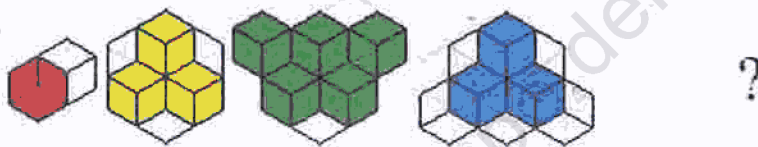
Area 25 sq.cm.


2) 7 m.

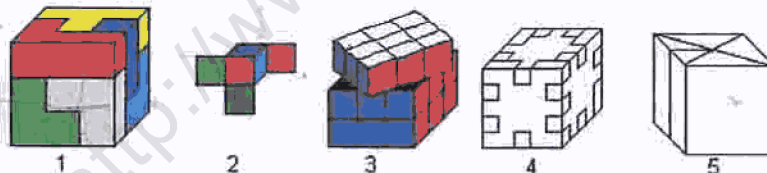


Area 17.5 sq.cm.

3. Find the volumes of 



The volume of  altogether is 14



The volume of  is 113

2. Word problems.






1) A swimming is 20 m long , 15 m broad and 2 m deep. What is the volume of the tank ?

Answer 600 cubic m.

2) A room is 7 m long , 6 m. broad , and 8 m high. What is the volume of the room ?

Answer 336 cubic m.

3) Find the area of a square whose side is 2.5 m in length ?

	Football	Basketball	Golf	Chess
 Sports				
Number of students	225	250	275	285

A. Answer the questions.

1) What kind of sport do students like most?

Answer Chess

2) What is the numbers of students attended Football , Basketball and Golf ?

Answer 750 students

3) What is the average numbers of 4 kinds of sport represented ?

Answer 258.75

B. Word problems.

1) Students of Grade 5/1 attended the show as follow :

Monday : 45 , Tuesday : 43 , Wednesday 41 , Thursday 46 , Friday 40

Find the average daily attended of the show .

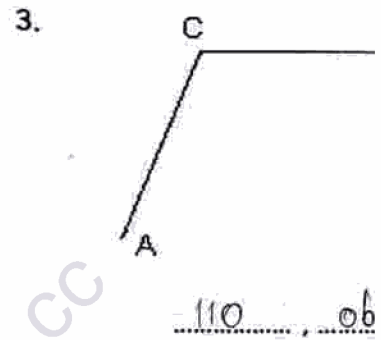
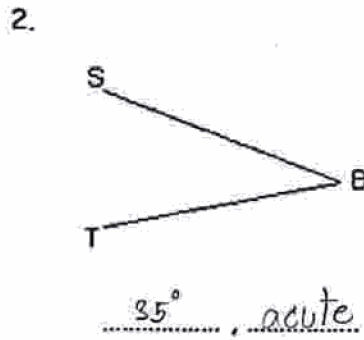
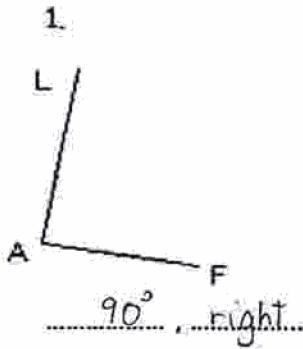
Answer 215

2) I can type 144 words in 4 minutes. How many words can I type

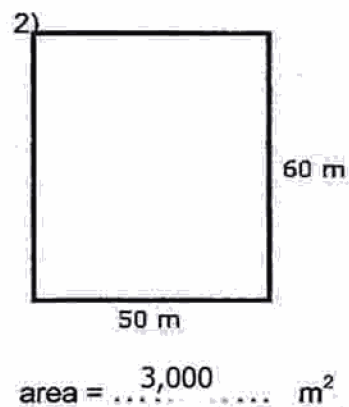
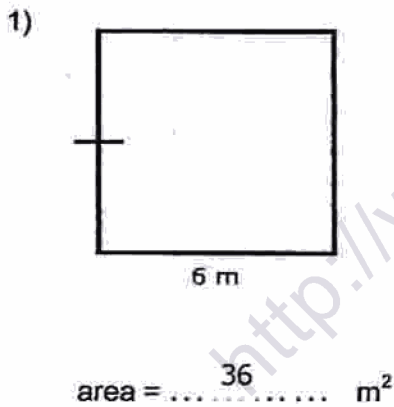
in 1 minute ? Answer 36 words

3) What is the average mass of 4 parcels each with a mass of 400 g , 800 g

4. Measure and identify the angles

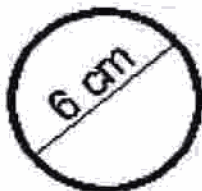


3. Calculate the areas for each of the rectangles below.

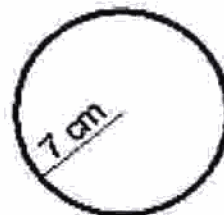


Use the diameters or the radii to calculate the circumference for each of the circles

use 3.14 or $\frac{22}{7}$ as the value of π (Pi).



circumference = 18.84 cm



circumference = 44 cm