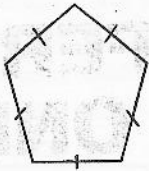


What is the name of this figure,

08.



09.

Find the weight of the remaining tea, after using 170 g 350 mg , from the bag of 750 g .

10. $7+9\div 3+2$

Simplify

11. 96

prime factors.

Write as a product of

12. 24, 32, 48

Find the H.C.F. of.

13.

give reasons -

Is 1900 AD a leap year?

14. $12.735 \div 9$

Find the value -

15. 9, 12, 27

Find the L.C.M.

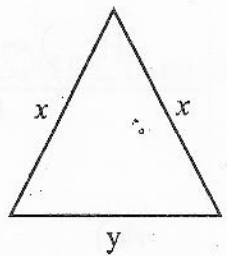
Write the algebraic expression.

16.

Price of 1 kg of sugar is Rs. y .
Find the balance money received, after giving Rs. 150, to buy $\frac{1}{2}$ kg sugar,

17.

Write an algebraic expression to find y , if the perimeter of the triangle is 28 cm.

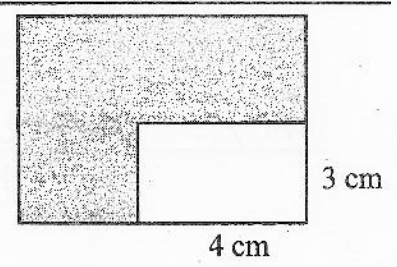


18.

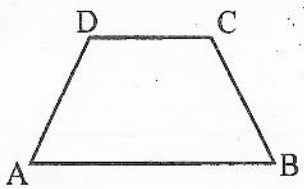
Year	month	day
3	7	15
- 1	3	17

19.

Find the area of the shaded region, if the area is 60 cm^2



20.



Name the qualities necessary, for ABCD, to become a trapezium. mark them on the figure.

(କୋଷ 2 x 20 = 40)

REFERENCE ONLY

Maths.

Mathematics Gr. 7^A.

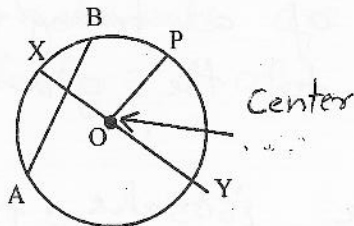
Answer question I and 4 others.

I. Using the knowledge on parallel lines and circles, answer the following.

(i) Name 2 objects, you could use to draw 2 parallel lines.

(ii) Give an example, in your surroundings for 2 vertical parallel lines.

(iii) Name 2 radii from the diagram.



(iv) What is the diameter of the circle.

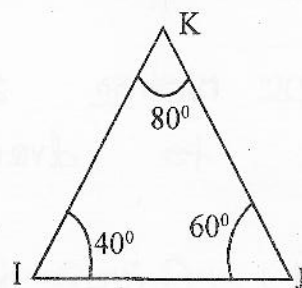
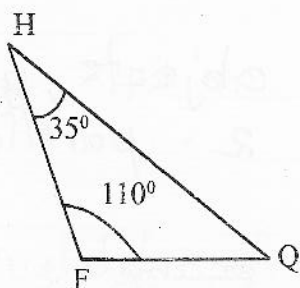
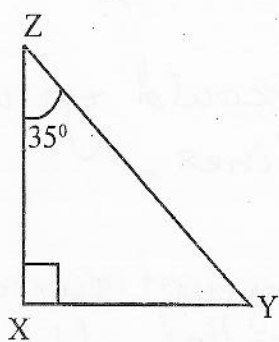
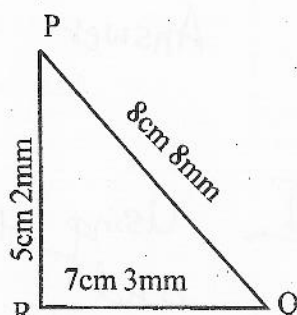
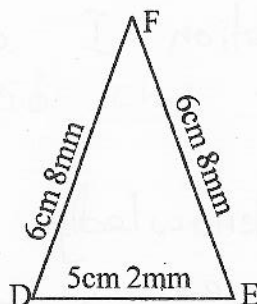
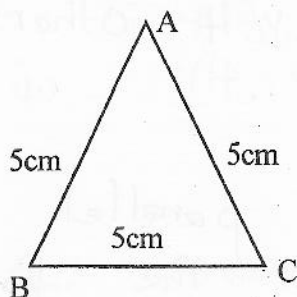
(v) How many diameters are there in it.

(vi) Write the relation between the radius and the diameter.

(vii) How many points are there on the circle?

viii) What is the mathematical instrument you use, to draw parallel lines.

121



Find answers from the above triangles.

- i) What type of a triangle is ABC according to the given sides.
- ii) Name the isosceles triangle, according to the sides.
- iii) Name a scalene triangle.
- iv) According to given angles, what type of a triangle is FGH.
- v) What type of a triangle is XYZ. Give reasons.

31

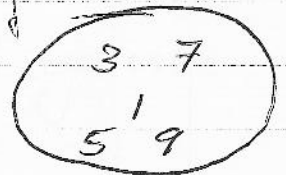
i) Draw a Venn Diagram for

$$R = \{4, 8, 12, 16, 20\}$$

ii) Give the name of set R , considering its ^{common} property.

iii)

Write set B , by observing the element



iv) Can 11 be an element of set B .
Give reasons -

v) How many elements are there in the set of letters of $P = \{\text{letter of the word number}\}$

vi) Write any set, having 3 elements.

4

a) i) Expand $7^2 \times 5^2$ and find its $\sqrt{\quad}$

ii) Write 25 as an index, with base:

iii) Calculate the value of

$$2x^2y^2, \text{ if } x=1 \text{ and } y=4.$$

iv) Simplify $4x + 3y - 5$ when $x = 4$
and $y = 1$

b) i) Simplify, $14 \text{ m } 56 \text{ cm} \div 8$.

ii) subtract,

$$8 \text{ km } 42 \text{ m} - 3 \text{ km } 250 \text{ m}$$

5 Write equivalent fractions for

$$\frac{1}{3} \text{ and } =$$

$$\frac{5}{8} =$$

iii) Write in the descending order,

$$\frac{1}{3}, \frac{5}{6}, \frac{7}{12}, \frac{1}{4}$$

iii) $\frac{4}{9} + 1\frac{1}{3} + 1\frac{3}{9}$

iv) $6\frac{3}{8} - 4\frac{1}{6}$

v) write $\frac{50}{11}$ as a mixed fraction

- 06.
- i) Draw the line segment $AB = 5 \text{ cm}$.
 - ii) Take any point C , to form an obtuse angle at A .
 - iii) Draw a parallel line, through C to AB .
 - iv) Complete the parallelogram $ABDC$.
 - v) Measure the ~~it~~ interior angles of the parallelogram $ABDC$ and write their values.
 - vi) Name the ^{pairs of} equal angles, out of the

