

Note : i. All answers to be written in the answer booklet provided. Show working wherever required.

ii. Do not copy the questions

iii. Rough work must be done on the same page as the rest of the answer.

Q.I.A. Choose the correct option for the following questions given below: (10m)

1) One hundred fifty-eight point zero five eight can be written in decimal form as

- (a) 158.580 (b) 1580.58 (c) 158.058 (d) 15.858

2) The area of a square whose side is 4cm

- (a) 16cm^2 (b) 4cm^2 (c) 16cm (d) 4cm

3) A triangle with one of its interior angle is 90° degree is called a _____

- (a) Obtuse triangle (b) Acute triangle (c) Right angled triangle (d) Scalene triangle

4) Which of the following is a pair of like fractions.

- (a) $\frac{11}{5}$, $\frac{11}{12}$ (b) $\frac{5}{11}$, $\frac{12}{11}$ (c) $\frac{11}{5}$, $\frac{12}{11}$ (d) $\frac{5}{11}$, $\frac{11}{12}$

5) 0.17 as a percentage is.

- (a) 1.7% (b) 0.17% (c) 17% (d) 170%

6) The perimeter of a triangle whose sides are 4cm, 5cm and 2 cm is.

- (a) 4 cm (b) 9cm (c) 7cm (d) 11cm

7) Any angle whose measure is greater than 180° and less than 360° is called

- (a) Reflex angle (b) Complete angle (c) Zero angle (d) Straight angle

8) Convert 8m into centimetres.

- (a) 80cm (b) 800cm (c) 8000cm (d) 8cm

9) What percent of 20 is 16?

- (a) 20% (b) 80% (c) 17% (d) 35%

10) The short form of $80 + 5 + \frac{4}{100} + \frac{5}{1000}$

- (a) 85.45 (b) 854.5 (c) 85.045 (d) 850.45

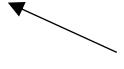
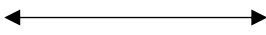
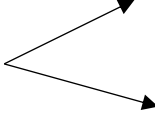

Q.II.

(20m)

1. Find the area of the rectangle if its length is 144 cm and breadth is 80 cm.

2. Add : $3.2 + 51.75 + 12.458$

3. Match the following.

1. 	a) line segment
2. 	b) ray
3. 	c).Angle
4. 	d) line

4. Rewrite the statements

i). Kanwal bought 6.5kg potatoes from the market.(convert the statement in grams)

ii) A cheetah covered a distance of 350 metres.(convert the statement in kilometres)

5.Convert each of the following fractions into percent.

i) $\frac{9}{25}$ ii) $\frac{37}{10}$

6.What must be subtracted from 72.375to get 42.45

7.Fill in the blanks:

a) 3.5 km = _____m.

b) 5006 ml = _____ l

8.Divide : $2\frac{1}{5}$ by $\frac{11}{2}$

9.Write each of the following as a percent of a kilometre.

i) 17m ii) 760m

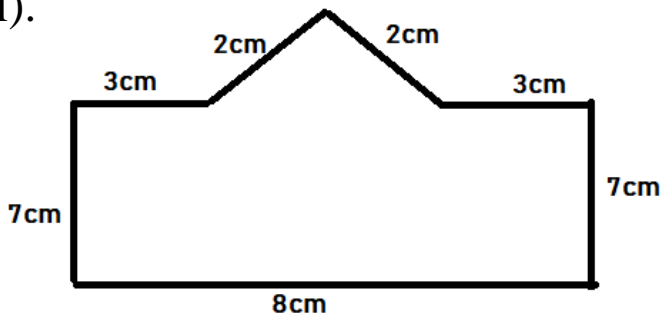
10.Find the perimeter of a square whose each side is 53 m.

Q.III).

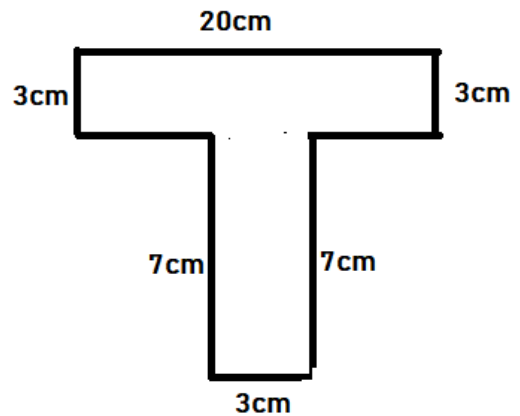
1. Aruna uses 520 ml of cooking oil everyday .She decides to save 20% oil everyday . How much oil does she save now in a day? (3m)

2. Find the perimeter of the given figure. (3m)

i).



ii).



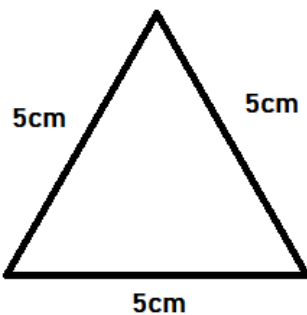
3. Multiply : 49.5 by 2.37 (4m)

Q.IV).

1. Subtract: $1\frac{3}{4}$ from $3\frac{1}{7}$ (3m)

2. Identify the type of triangles . (3m)

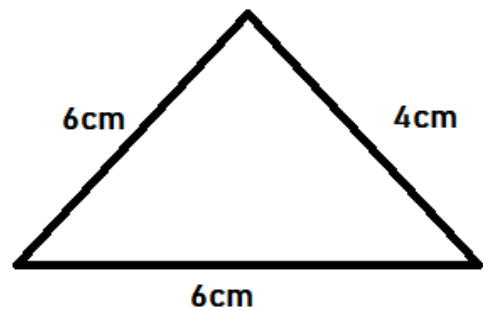
i)



ii)



iii).



3. Add : $1\frac{3}{8}$, $1\frac{2}{3}$ and $2\frac{7}{12}$ (4m)

Q.V).

1.A car covers 40.5 km in one hour . What distance will it cover in 18 hours. (3m)

2.Draw an angle whose measure is 135° . (3m)

3.Find the values of . (4m)

i). 40% of 65 hours

ii). 90% of ₹ 2700

Q.VI).

1. Multiply : $9\frac{1}{7}$ by $3\frac{1}{16}$ (3m)

2.A rectangle has length 7cm and breadth 5.6 cm and a square has each side 6cm.Which figure has greater area and by how much? (3m)

3.Find the area of the figure given below (4m)

Q.VI).

1.Divide and mention the Quotient and remainder : (3m)

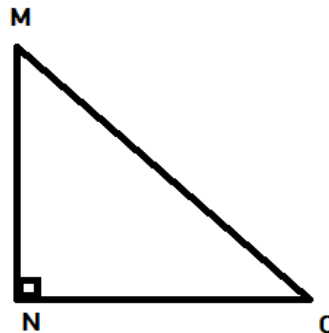
$$1023.68 \div 14$$

2.Observe the figure and write the names of : (3m)

i) the angle which measures 90° .

ii) any one side of the triangle.

iii) the vertices of the triangle.



3.Out of 140 teachers in a school , 40% are male teachers . Find the number of female teachers in the school. (4m)