2022

Kerala Board

First Term

Question Paper

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A

SAMAGRA SHIKSHA, KERALA
FIRST TERM EVALUATION 2022-23

E603

Standard : VI

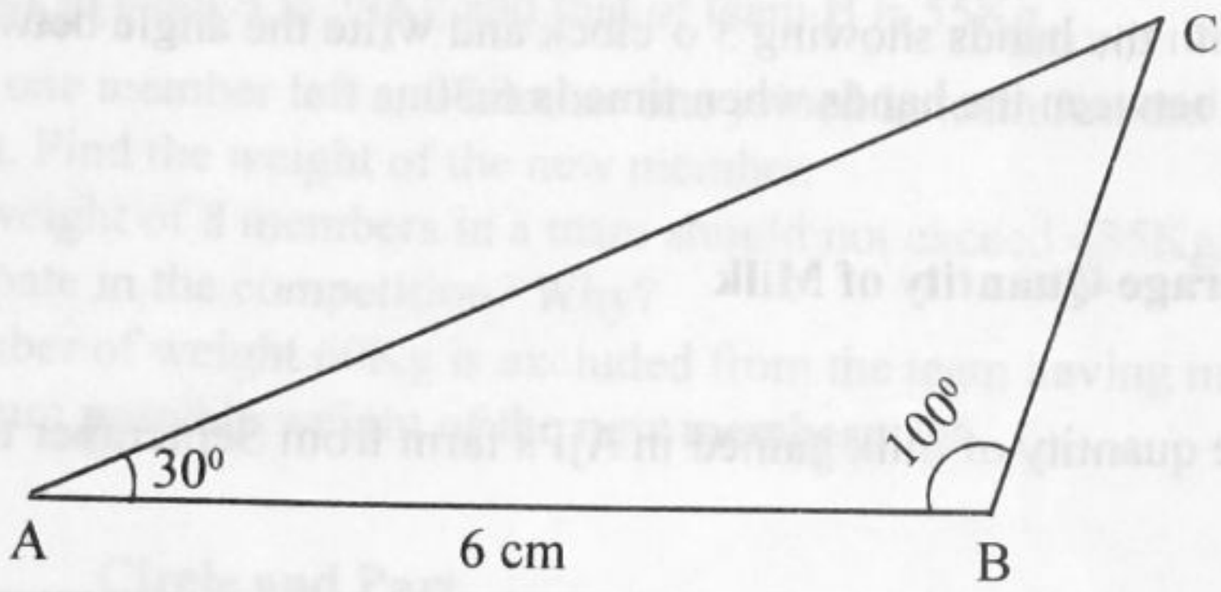
MATHEMATICS

Time : 2 Hours

Instructions

1. First 15 minutes is cool off time. This time is to be used for reading and understanding the questions.
2. Answer any 6 activities out of the 8 activities given.

Activity - 1 Let's Draw & Measure



A) Write the names of all angles in the given figure.
B) Draw the triangle with given measures.

Activity - 2 Sale of Mangoes

The table given below shows the price of mangoes sold by a vendor from Monday to Friday.

Days	Price of Mangoes (Rs)
Monday	680
Tuesday	700
Wednesday	640
Thursday	660
Friday	620

A) Find the total price of mangoes sold.
B) What is the average price of mangoes sold per day?
C) In which days the total price of mangoes is greater than the average?
D) If the prices are written in ascending order, which is the middle number?

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Activity - 3 Angle and time in a clock

A) Find the angle between the hands of the clock?
B) Write the angle between the hands when the time is 4 o'clock
C) Draw a clock with the hands showing 3 o'clock and write the angle between the hands.
D) Write the angle between the hands when time is 6:30.

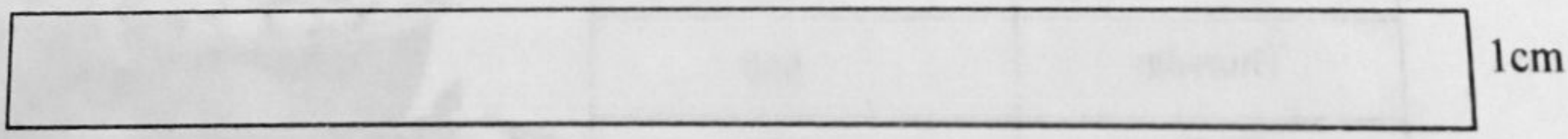
Activity - 4 Average Quantity of Milk

The table shows the quantity of milk gained in Aji's farm from September to December.

Month	No. of Days	Total quantity of Milk (in litre)	Average quantity of milk per day (in litre)
September	30	360	
October	31		11
November	30		10
December	31	403	

A) Find the values in the missing column of corresponding months.
B) In which month the production of milk is highest?

Activity - 5 Part and Times



A) Find the area of the rectangle in the above figure.
B) If the rectangle is divided into 4 rectangles of equal area, find the area of one small rectangle?
C) If 12 such small rectangles are put together, find the total area.

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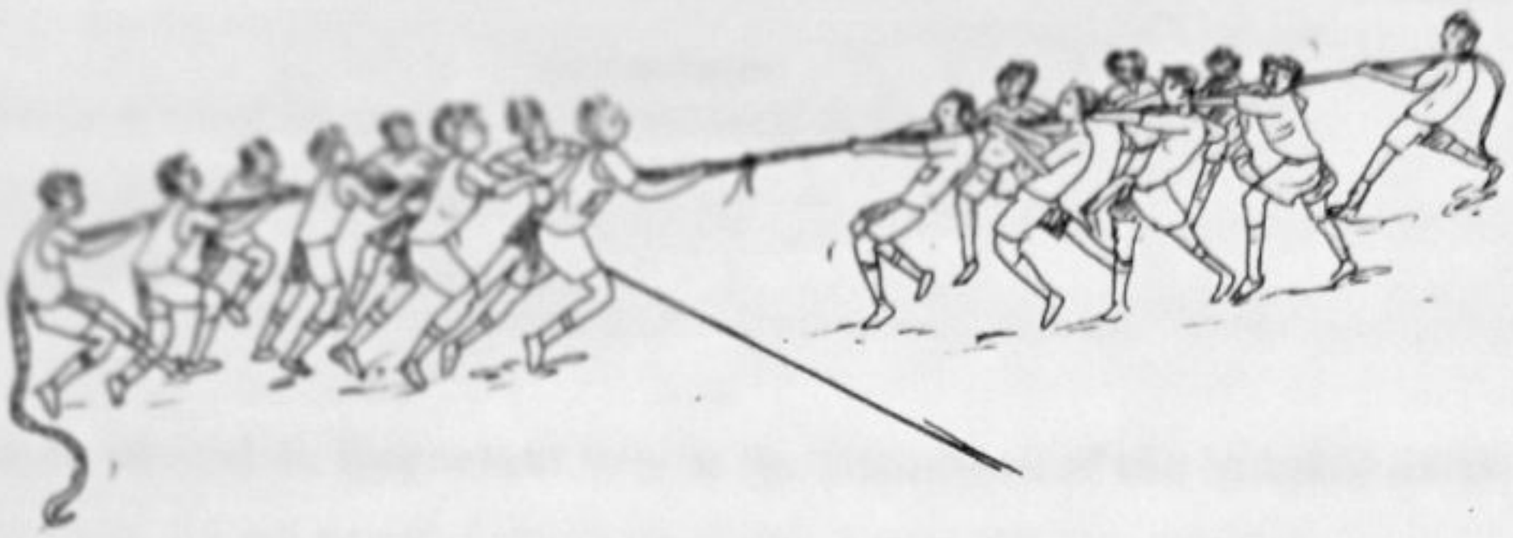
Activity - 6 Tug of War Competition



A & B are two tug of war teams of a school with 8 members each. The average weight of one member in team A is 54Kg and that of team B is 55Kg.

A) When one member left and another one joined in team A there is no change in average weight. Find the weight of the new member.

B) Total weight of 8 members in a team should not exceed 435Kg. Can team A and team B participate in the competition? Why?

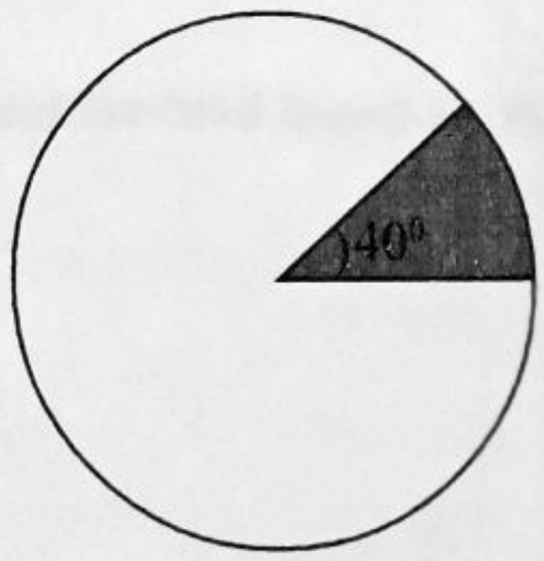
C) A member of weight 60Kg is excluded from the team having more total weight. Find the maximum possible weight of the new member.

Activity - 7 Circle and Part.

A) What part of the whole circle is shaded?

B) What part of the whole circle is unshaded?

C) Draw a circle and shade $\frac{5}{12}$ part.



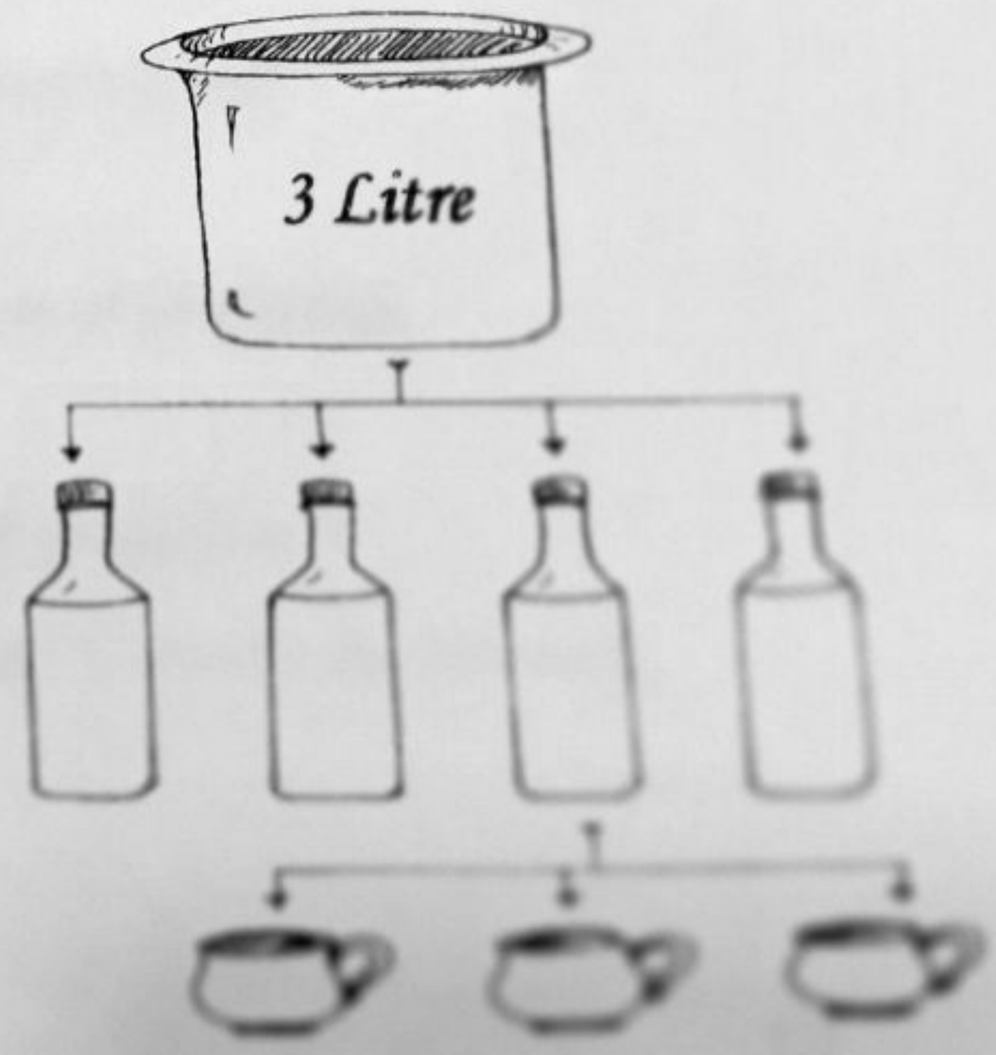
Activity - 8 Orange Juice.

Three litres of orange juice in a vessel is equally poured in to 4 bottles

A) How many litres of orange juice are there in a bottle?

B) Orange juice in the bottle is poured equally into 3 cups. Write the quantity of orange juice in one cup.

C) What fraction of the orange juice in the vessel does each cup contain?



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