

**01**

In a cooking competition, 5 girls were given a certain amount of flour, as shown below, for baking cakes.



Sushma : 350 g

Vani : 20% more than the amount of flour given to Sushma.

Monal :  $\frac{2}{3}$  of the amount of flour given to Vani.

Druvika : Double the amount of flour given to Monal.

Naini :  $\frac{5}{8}$  of the flour given to Druvika.

What was the average amount of flour given to each girl ?

Your solution here:

**02**

The usual price of a sofa set was ₹ 1100. After selling it at a discount of 20%, the shopkeeper found that he earned 10% on the cost price of the sofa set.



- Find the cost price of the sofa set.
- Find the amount of money that the shopkeeper earned from the sale of the sofa set.
- If the buyer of the sofa set had to pay 7% GST on the discounted price, find the actual amount paid by the buyer for the sofa set.

Your solution here:

**03**

40% of the people in a hall were men, 140 were women and the remaining 25% were children. When some men left the hall, the percentage of men in the hall dropped to 25%. How many men were there in the hall in the end ?



Your solution here:

**04**

Sushanth poured some juice into 4 jars A, B, C and D. The average volume of juice in jar A and jar B was  $0.56 \text{ l}$  less than average volume of juice in the other 2 jars. The average volume of juice in all the 4 jars was  $2.38 \text{ l}$ . Jar A had 80% as much juice as jar B. Find the volume of juice in jar A. Give your answer in  $\text{l}$  and  $\text{m l}$ , correct to the nearest  $\text{m l}$ .



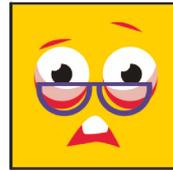
Your solution here:

**05**

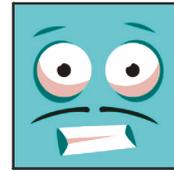
P, Q and R are 3 squares. The sum of area of the 3 squares is  $154 \text{ cm}^2$ . The side of each square is a whole number less than 10 cm. Each side of square R is 3 times the side of square P. Find



**P**



**Q**



**R**

- the average area of square P and R.
- the average perimeter of the 3 squares.

Your solution here:

**06**

4 identical dresses and 3 identical shirts cost ₹ 148, while 8 such dresses and 2 such shirts cost ₹ 48 more. Find the average cost of 3 such dresses and 2 such shirts.



Your solution here: