

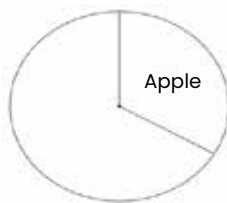
MISMO 2022

Sample for Problem-solving Questions

1. In a sale, the price of a coat is reduced by 25%. The sale price is \$120.
Calculate the price of the coat before the sale. [2]
2. Mina earned Rs 6700. She spent Rs 3622 and saved the rest.
How much more money did Mina save than spend? [3]
3. A group of 60 students were each asked their favourite fruits.
The results are shown in the table below.

Fruit	Frequency
Apple	20
Banana	25
Orange	15

Complete the pie chart to show the results. [2]



4. Mr. Mahad had 3 m of ribbon.
He used $\frac{3}{5}$ m of ribbon to tie gift A and $\frac{1}{2}$ m of ribbon to tie gift B.
How many meters of ribbon did Mr. Mahad have left? [3]
5. Sana is going to her grandmother's house.
Her car requires 22 litres of petrol to travel a distance of 264 km.
She filled 36 litres of petrol in her car.
Find the distance that the car can travel using 36 litres of petrol and the cost of travel at the rate of \$2 per litre. [3]