

TOPPERZ @ WORK EDUCATION CENTRE



Class: IGCSE VIII
Subject: Mathematics

Topic: Ratio & Proportion
Time: 45 Min

1.

Express the following ratios in their simplest form. $5\frac{2}{3} : 2\frac{1}{6}$

2.

Sarah scores $\frac{15}{25}$ in English and $\frac{40}{50}$ in Maths. In which subject did she score better marks? Find the ratio between the two subjects.

3.

There are 40 eggs out of which 6 are broken. Find the ratio of the unbroken eggs to the broken ones.

4.

Wajid has Rs 3000. He wants to divide it among his two brothers Shahid and Sajid in the ratio of 3:5. How much did each get?

5.

At a parking lot, the ratio of the number of cars to that of motor cycles is 9:4. Calculate the number of cars given when the number of motor cycles is 16.

6.

The cost of 5 m of cloth is Rs 800. How many metres of the same cloth can be purchased for Rs 2000?

7.

An agent gets a commission of Rs 100 for selling goods worth Rs 1000. How much commission will he get by selling goods worth Rs 15000?

8.

If 8 men can complete a task in 20 days, how many men are required to do the same work in 10 days.

9.

15 taps fill a water tank in half an hour. How much time will 18 taps take to fill the same tank?

10.

A man traveling by a car at an average speed of 70 km / h completes a journey in 54 minutes. On his return journey, he travels at an average speed of 45 km / h. How long does the return journey take?