

BRAIN INTERNATIONAL SCHOOL

Mathematics Assignment

Class VI

November 2024

RATIO AND PROPORTION

1. The cost of six chocolates is ₹210, then the cost of four chocolates is _____.
(a) ₹90 (b) ₹120 (c) ₹140 (d) ₹100
2. Find the ratio of 3 kg to 250 gm.
3. Express the given ratios in the simplest form: 45 minutes to 4 hours.
4. There are 50 students in a class. If 24 of them are boys, find the ratio of boys to girls.
5. Out of 32 m long cloth, 24 m was used for making eight frocks. Find the ratio of:
(a) total cloth and cloth used.
(b) remaining cloth and cloth used.
6. Mr Arun earns ₹9,500 per month and his wife earns ₹8,000. Find the ratio of:
(a) Mr Arun's income to his wife's income.
(b) His wife's income to total income.
7. In a dictation test of 20 words, Rohan spelled 18 words correctly. Find the ratio of:
(a) total words to wrongly spelled words.
(b) correctly spelled words to wrongly spelled words.
8. Determine if the given numbers are in proportion or not: 8, 21, 24, 63.
9. If 8 cases of merchandise cost ₹60, what would a dozen cases cost?
10. Determine if the following ratios form a proportion. Also, write the middle terms and extreme terms where the ratios form a proportion. 25g : 30g and 40 kg : 48 kg