

BCM SCHOOL BASANT AVENUE, DUGRI

CLASS -VI

SUBJECT –MATHEMATICS (041)

FEBRUARY-ASSIGNMENT (2023-2024)

1. The ratio 504:840 in the simplest form is
a) 3:5 b) 4:5 c) 5:6 d) 3:4
2. Eight taken away from the sum of x and y is
a) $8-(x+y)$ b) $(x+y)/8$ c) $(x+y)-8$ d) $8/(x+y)$
3. Assertion (A) – The cost of a car is ₹ 3, 00,000. The cost of a motorbike is ₹ 50,000. The ratio of the cost of motorbike to the cost of car is 1:6

Reason (R) – Two quantities can be compared only if they are in the same unit.

- a) Both A and R are true and R is the correct explanation of A.
- b) Both A and R are true but R is not the correct explanation of A.
- c) A is true but R is false.
- d) A is false but R is true.

4. CASE STUDY QUESTION:

Savings are important aspects of our lives and the habit of saving money must be developed in children at a very young age. Rohit is a very wise business man. He earns ₹ 15300 and saves ₹ 1224 per month. Read the passage carefully and find the ratio

- a) His income to his saving
- b) His income to his expenditure
- c) His expenditure to his savings.

SUBJECTIVE QUESTION:

5. The total cost of flooring a room at ₹85/ m² is ₹5100. If the length of the room is 8 metres, find it's breadth.
6. Three boys are aged 10 years, 12 years and 16 years. They want to divide Rs. 4560 in the ratio of their ages. How much money would each get ?
7. Monika went to market with ₹3000 in cash. Out of this money she purchased one frock, one toy and one bag costing ₹ 578.75, ₹309 and ₹ 1862.85 respectively. How much money is left with her?
8. Three- fourth of a number added to 15. Write it mathematically.
9. A man bought some pencils for ₹ 30 and pens for ₹ 90. The next day he again bought some pencils for ₹25. Then he sold all the pencils for ₹20 and pens for ₹ 70 . What was his net gain or loss?
10. Draw a circle of any radius and mark the following parts:
 - a) Radius

- b) Chord
- c) Arc
- d) Sector