

Ratio Proportion

Fill in the blanks

- 1) A ratio is a comparison of one quantity to another quantity of the same kind and same _____.
- 2) The first term of the ratio is called _____.
- 3) If A's age is 15 years and the ratio of ages of A:B = 5:4. Then the age of B is _____ years.
- 4) In a leap year, there are 140 days of holidays. Then, the ratio of days of holidays and total number of days in the year is 70 : _____.
- 5) The third proportional to 5 and 10 is _____.
- 6) The ratio of boys to girls in a class is 2:3. If the total number of girls are 300, then the number of boys in the class are _____.
- 7) The angles of a triangle are in the ratio of 1:2:3. The measure of the smallest angle is _____.
- 8) $4\text{kg} : 500\text{g} = 8 : x$, then the value of x is _____.
- 9) $4 : 5 :: x : 20$, then the value of x is _____.
- 10) The weight of 5 boxes is 150kg. Then the weight of 2 boxes will be _____kg.