



# VIDYA BHAWAN, BALIKA VIDYAPITH

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(Affiliated to CBSE up to +2 Level)

CLASS: VII

SUB.: MATHS

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## Simple Interest(Revision)

### Question 1

Fill in the blanks:-

While comparing two quantities their \_\_\_\_\_ should be same.

If two ratios are equivalent then the four quantities are said to be in

\_\_\_\_\_

Product of extremes = product of \_\_\_\_\_ in a proportion.

iv. In a proportion  $a : b :: c : d$ ,  $d$  is called the \_\_\_\_\_ proportional.

The value of a machine depreciates 20% annually. If its present value is Rs. 20,000, its value after 2 years will be

Percentages related to \_\_\_\_\_ fractions are more than 100.

The money that is borrowed is known as \_\_\_\_\_

ix.  $x\%$  of  $y$  is  $y\%$  of \_\_\_\_\_

x.  $23\% + 47\% + \underline{\hspace{2cm}} = 100\%$

xi. The ratio  $3 : 8$  is equal to \_\_\_\_\_%

xii. 0.05 is equivalent to \_\_\_\_\_%

Question 2 True or false:

A ratio get changed if both of its terms are multiplied by the same non-zero quantity.

ii. Profit % or Loss % is always calculated on selling price.

iii. The price at which an article is sold is called the cost price.

iv. Percent means thousand.

v. In unitary method, we find the value of many units then find the value of one unit.

vi.  $3 : 5$  means 60%

vii. The ratio 5 : 12 is greater than 3 : 5

viii. The amount paid on ` P at R% p.a. after T years is  $\frac{PRT}{100}$

ix.  $S.P. = C.P. + \text{Loss.}$

x. The ratio 2 : 3 and 3 :2 are equivalent.

xi. 120 % of 50 km is 60 km

xii. 15 kg is 30% of 50 kg

Question 3.

Find the ratio of

2m 7cm : 36cm

3kg 250g : 5kg

Question 4.

Are 25,15,6,5 in proportion ?

Question 5.

In an examination 86% of candidates passed and 70 failed. How many candidates appeared?

Question 6.

Find 10% more than Rs. 90.