

VII - Mathematics Assignments No-07 - Comparing QuantitiesProfit And Loss.

(Q1) Arun purchased a scooter for Rs 10,000 and sold it for Rs 12,500. Find his gain percent.

(Q2) There are 60 students in a class. out of which 25 are girls. Find the percentage boys in the class.

(Q3) Convert the following into %.

(a) $\frac{1}{3}$ (b) 0.05 (c) 4.5

(Q4) A person saves Rs 500 from his salary. If this is 20% of his salary. Find his salary.

(Q5) Find the whole quantity if

(a) $33\frac{1}{3}\%$ of it is 500

(b) 12% of it is 96

(Q6) If angles of a triangle are in the ratio 1 : 3 : 5. Find each angle.

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- (Q7) The population of a town decreased from 30,000 to 25000. Find the percentage decrease.
- (Q8) In a sale, a person reduces the price of an article by 15%. If the reduced price of the article is Rs 3400. Find his original price.
- (Q9) In an examination, a student must get 40% marks to pass. A student gets 48 marks out of 200. Express his marks as a percentage. How many more marks should he have got to pass the examination?
- (Q10) Sumita sold a bangle for Rs 4500 and lost 10%. For how much should she have sold it to gain 20%.

ANSWERS

(Q1) 25 %	(Q4) ₹ 2500	(Q8) ₹ 4000
(Q2) $58\frac{1}{3}$ %	(Q5) (a) 15	(Q9) 24% ;
(Q3) (a) $33\frac{1}{3}$ %	(b) 800	32 more marks
(b) 5 %	(Q6) $20^\circ, 60^\circ, 100^\circ$	(Q10) ₹ 6000
(c) 45 %	(Q7) $16\frac{2}{3}$ %	