

St. Andrews Scots School

Adjacent Navniti Apartment

I.P Extension , Patparganj , Delhi – 110092

Session: 2025 - 2026

Class: VII	Subject: Mathematics	Topic: Comparing quantities	Worksheet-10
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Q1. By selling an air cooler for ₹5950, a man lost 15%. For what price should he have sold it to get a profit of 10%?

Q2. A sum amounts to ₹1326 in 6 years at 5% per annum. In what time will this sum double itself at the same rate of interest?

Q3. Divide ₹2500 into two parts such that the simple interest on one at 4% for 5 years is double that on the other at 5% for 3 years.

Q4. If the C.P. of 20 tables is equal to the S.P. of 25 tables, find the profit or loss percent?

Q5. An article cost ₹425 and is sold at a profit of 15%. Find the S.P.

Q6. In a school there are 840 boys and 40% are girls. Find the number of girls.

Q7. Find a number whose 8% is 50.

Q8. A train travels 295 km in 5 hrs. How many kilometers will it cover in 8 hrs 15 minutes?

Q9. Find the value of 'x' in the given proportion: $8 : x :: 32 : 40$.

Q10. Find the ratio of 8 hrs to 1 day.