

# St. Andrews Scots Sr. Sec. School

9th Avenue, I.P. Extension, Patparganj, Delhi – 110092

Session: 2025-2026 - Worksheet

Class: VIII	Subject: Mathematics	Topic: Comparing Quantities	Worksheet-18
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## Do as Directed:

**Q1:** Tupika went to school for 216 days in a full year. If her attendance is 90%, find the number of days on which the school was opened. (ans:240 days)

**Q2:** A Field has 2000 trees. 12% of these are mango trees 18% lemon and the rest are orange trees. Find the number of orange trees. (ans:1400 trees)

**Q3:** Niharika earns 22% of her investment. If she earns Rs 187, then how much did she invest? (RS 850)

**Q4:** An alloy contains 32% copper, 40% nickel and rest zinc. Find the mass of the zinc in 1 kg of the alloy. (ans:280 grams)

**Q5:** The value of a machine decreases every year by 5%. If the present value of the machine be Rs 100000, what will be its value after 2 years? (ans: RS. 90250)

**Q6:** Express the following percentages as fractions:

(i) 356                      (ii)  $2\frac{1}{2}\%$

**Q7:** Express the following fractions as percentages:

(i)  $\frac{3}{2}$                       (ii)  $\frac{9}{20}$

**Q8:** Express the following ratios as percentages:

(i) 17: 20                      (ii) 13: 18

**Q9:** Om Prakash deposited Rs. 8000 with a finance company for 3 years at an interest of 15% per annum. What is the compound interest that Om Prakash gets after 3 years? (ans: 4167)

**Q10:** Find the compound interest on Rs. 1000 at the rate of 8% per annum for  $1\frac{1}{2}$  years when interest is compounded half yearly. (ans: Rs.123.86)