

INTERNATIONAL INDIAN SCHOOL

BURAI DAH

Worksheet For The Academic Year 2024-25

CLASS: VIII SUBJECT: Mathematics DATE: 03/11/2024

LESSON-8 Comparing Quantities

- 1) Express as a fraction:
a) 0.35 b) 48% c) 80%
- 2) Express as percentage:
a) $\frac{3}{5}$ b) $\frac{9}{10}$
- 3) Find: a) 65% of 3400 b) 25% of 150
- 4) If 45% of students in a class are girls , what of students are boys in the class?
- 5) In a village there are 12000 males and 3000 females. Find the percentage of Males in the village.
- 6) A fertilizer contains 25% of chemical A , 40% of chemical B and the rest is Chemical C. Find the quantity of each chemical in 80kg of fertilizer.
- 7) A refrigerator is marked at Rs 12500 and is available at a discount of 10%. Find the discount and Sale Price.
- 8) A mobile phone is sold at Rs 5500 after a discount of 12%. What is its Marked Price?
- 9) The cost of a toy is Rs 110 and its overhead expense is Rs 5. The toy is sold at a profit of 5%. Find its selling price.
- 10) An article is sold at Rs 748 at a loss of $6\frac{1}{2}$ % . Find its CP.
- 11) The price of a computer is Rs 18000. Sales tax is charged on it at the rate of 12%. Find the amount the customer has to pay.
- 12) Mr Sharma purchased some electronic items for Rs 972 including 8% VAT. Find the price before VAT was added.

- 13) Calculate the amount and compound interest on Rs 8000 for 2yrs at the Rate of 5% per annum compounded annually.
- 14) A radio purchased for Rs 1200 was sold at Rs 1080. Find the percentage loss.
- 15) Roy sells an article for Rs 360 at 20% gain. Find its CP.
- 16) Find the compound interest on Rs 1000 for 2yrs at 4% p.a.
- 17) Find the amount and compound interest on Rs 20000 for 3yrs at 10% p.a.
- 18) Find compound interest on Rs 6400 at $17\frac{1}{2}\%$ p.a for 2yrs.
- 19) Find the amount and compound interest on Rs 24000 at 15% p.a for 2yrs.
- 20) Find the amount on Rs 25000 at 12% p.a compounded for 3yrs.

ANSWERS

2)a) 60% b) 90%	8) Rs 6250	14) 10%
3) a) 2210 b) 37.5	9) Rs 120.75	15) Rs 300
4) 55%	10) Rs 800	16) Rs 81.60
5) 80%	11) Rs 20160	17) Rs 26620 , Rs 6620
6) 20kg,32kg,28kg	12) Rs 900	18) Rs 2436
7) Rs1250 , Rs 11250	13) Rs 8820 , Rs 820	19) Rs 31740 ,Rs 7740
		20) Rs 35123.20