



INDIAN SCHOOL NIZWA - WORKSHEET

MATHEMATICS

CH: 7 : COMPARING QUANTITIES

Name: _____

Date: _____

Class: VII Sec: ____

Q.1. The ratio of 20 hrs to 2 months is

(i) 20:2

(iii) 1:72

(ii) 5:36

(iv) None of these

Q.2. If 16 girls can type 288 pages in a day, how many pages in a day can 20 girls type?

(i) 360 pages

(iii) 292 pages

(ii) 390 pages

(iv) None of these

Q.3. If 30% of a number is 75, what is this number?

(i) 45

(iii) 250

(ii) 105

(iv) None of these

Q.4. A sum of Rs 1260 was deposited in a bank for 5 yrs at the rate of interest 8% per annum. How much money will the bank pay on the maturity?

(i) Rs 504

(iii) Rs 1764

(ii) None of these

(iv) Rs 1300

SOLVE

Q.1. In how many years will Rs. 750 amount to Rs. 900 at 12% annum?

Q.2. A farmer borrowed Rs. 2400 at 12% interest per annum. At the end of 2½ years, he cleared his account by paying Rs. 1200 and a cow. Find the cost of the cow

Q.3. Fill in the blanks: -

(i) A fraction with its denominator _____ is called a percent.

(ii) When $S.P. > C.P.$ then _____ = $S.P. - C.P.$

(iii) When $S.P. < C.P.$ then _____ = $C.P. - S.P.$

(iv) Profit % = $\frac{C.P. \times 100}{C.P.}$

(v) _____ = $\frac{\text{Loss}}{C.P.} \times 100$

(vi) The money borrowed from a lender is called the _____.



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- (vii) The additional money that is paid back after a specified period (time) in addition to the principal is called the _____.
- (viii) Total money paid back at the end of the specified period is called the _____.
- (ix) **Amount = _____ + interest.**

Q.4.

Convert		
(i) $\frac{47}{50}$	To	Percentage
(ii) 17.5%		Decimal
(iii) .75		Percentage
(iv) 75 %		Ratio
(v) 1:5		Percentage

- Q.5. In an orchard, $16\frac{2}{3}\%$ of the trees are apple trees. If the total number of trees in the orchard is 240, find the other types of trees in the orchard.
- Q.6. A shirt is sold at a profit of 12% for Rs 672. What is the cost price of the shirt?
- Q.7. Jacob bought a plastic sheet for Rs. 800 and sold it for Rs 1000. Find his profit or loss percent.
- Q.8. Neelam secured 21 marks out of 25 and Bina secured 43 marks out of 50. Calculate their percentage and find whose performance is better?



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$$(vi) \quad -18 + (-28) \quad = \underline{\hspace{2cm}}$$

$$(vii) \quad -15 + (-16) \quad = \underline{\hspace{2cm}}$$

$$(viii) \quad -7 + (-11) \quad = \underline{\hspace{2cm}}$$

$$(ix) \quad +7 + (-11) \quad = \underline{\hspace{2cm}}$$

$$(x) \quad -1 + (+36) \quad = \underline{\hspace{2cm}}$$

$$(xi) \quad +1 + (-36) \quad = \underline{\hspace{2cm}}$$

$$(xii) \quad (+1) + (-2) + (0) \quad = \underline{\hspace{2cm}}$$

$$(xiii) \quad (+1) + (0) + (-2) \quad = \underline{\hspace{2cm}}$$

$$(xiv) \quad (-3) + (+1) + (-2) \quad = \underline{\hspace{2cm}}$$

$$(xv) \quad (+4) + (0) + (-4) \quad = \underline{\hspace{2cm}}$$



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