

CHAPTER: COMPAIRING QUANTITIES

- 1) The ratio of 6 Kg to 400 gram is
 - a) 10:1
 - b) 15:1
 - c) 12:1
 - d) 6:1
- 2) The cost of 7 Kg potatoes is Rs.42. How many Kg of potatoes can be purchased for Rs. 96?
 - a) 10 Kg
 - b) 12 Kg
 - c) 15 Kg
 - d) 16 Kg
- 3) 0.1 as percent is
 - a) 10%
 - b) 1%
 - c) 10%
 - d) 0.1%
- 4) Out of 40 children in a class, 10 are boys and the rest are girls. What is the percent of girls?
 - a) 30%
 - b) 60%
 - c) 75%
 - d) 50%
- 5) The marks in a test decreased from 40 to 30. The percentage of decrease is
 - a) 10%
 - b) 20%
 - c) 25%
 - d) 40%
- 6) 9 is 25% of what number?
- 7) Find
 - a) 15% of 250
 - b) 20% of 2500
 - c) 75% of 1 Kg
- 8) Divide 15 sweets among Manu and Sonu so that they get 20% and 80% of them respectively.
- 9) The population of a city decreased from 25000 to 24500. Find the percentage of decrease.
- 10) Saksham sells a washing machine for Rs.13500. he loses 20% in the bargain. What was the price at which he bought it?

CHAPTER: RATIONAL NUMBERS

- 1) If $\frac{4}{5} = \frac{x}{12}$, then x is equal to
- 3
 - 6
 - 9
 - 12
- 2) Which of the following is a positive rational number?
- $\frac{-1}{2}$
 - $\frac{2}{-3}$
 - $\frac{-3}{-4}$
 - 5
- 3) Which of the following rational numbers is equivalent to $\frac{-2}{5}$?
- $\frac{-4}{10}$
 - $\frac{-2}{10}$
 - $\frac{-4}{5}$
- 4) $\frac{17}{11} - \frac{6}{11}$ is equal to
- 1
 - 1
 - 6
 - 3
- 5) $\frac{2}{9} \times \frac{27}{8} =$
- $\frac{4}{3}$
 - $\frac{3}{4}$
 - 3
 - 4
- 6) Which is greater $\frac{-2}{9}$ or $\frac{-3}{5}$?
- 7) Find five rational numbers between $\frac{-5}{7}$ and $\frac{-3}{8}$.
- 8) Write the following rational numbers in ascending order
 $\frac{-3}{7}, \frac{-2}{9}, \frac{-4}{3}$
- 9) Find the sum of
 $-2\frac{1}{3} + 4\frac{3}{5}$
- 10) Find five equivalent rational numbers to $\frac{-3}{4}$ BY: -----