



SENARO EDUCATION CENTER

School of English Medium Studies

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MATHEMATICS

GRADE 06

Lesson 13 – DECIMALS. Worksheet

1. Recognizing Decimal Numbers:
 - a) Identify the decimal number in the following set of numbers: 15, 2.5, $\frac{8}{3}$, 0.75, 10.
 - b) Write the decimal representation for the fraction $\frac{3}{4}$.
 - c) Convert the fraction $\frac{5}{8}$ into a decimal number.
2. Comparing Decimal Numbers:
 - a) Compare the following decimal numbers and write the appropriate symbol (<, >, or =):
 - i) 2.3 ___ 2.5
 - ii. 0.85 ___ 0.8
 - iii. 1.25 ___ 1.3
 - b) Arrange the following decimal numbers in ascending order: 1.9, 1.34, 1.7, 1.56
3. Adding Decimal Numbers with Two Decimal Places:
 - a) Add the following decimal numbers: $2.56 + 3.14 + 1.89$
 - b) Find the sum of 4.35, 2.07, and 0.92.
 - c) Solve the expression: $6.78 + 0.56 + 1.23 + 2.45$
4. Word problems
 - a) In a bag of marbles, $\frac{3}{5}$ of them are red. Express this as a decimal.
 - b) A recipe calls for $\frac{2}{3}$ cup of sugar. Write this measurement as a decimal.
 - c) The length of a pencil is 7.5 centimeters. Write this measurement as a decimal.
 - d) Mark scored 85 out of 100 on his math test. Write his score as a decimal.
 - e) The temperature outside is -2.8 degrees Celsius. Write this temperature as a decimal.
 - f) Compare the weights of two packages of apples: Package A weighs 1.25 kilograms and Package B weighs 1.3 kilograms. Which package is heavier?
 - g) Compare the heights of two buildings: Building A is 45.6 meters tall and Building B is 40.8 meters tall. Which building is taller?
 - h) Compare the prices of two books: Book A costs \$15.75 and Book B costs \$15.8. Which book is more expensive?
 - i) Compare the lengths of two ribbons: Ribbon A is 2.35 meters long and Ribbon B is 2.3 meters long. Which ribbon is longer?
 - j) Compare the distances two cars traveled: Car A traveled 78.25 kilometers and Car B traveled 80.1 kilometers. Which car traveled a greater distance?
 - k) Sarah bought a toy for \$6.35 and a book for \$4.75. How much did she spend in total?
 - l) Mr. Johnson drove 68.25 kilometers on Monday and 53.8 kilometers on Tuesday. How far did he drive in total?
 - m) John's father gave him \$20.25 and his mother gave him \$15.5. How much money does he have in total?
 - n) A recipe calls for 1.75 cups of flour and 0.5 cups of sugar. How much flour and sugar is needed in total?
 - o) A rectangular garden is 3.25 meters long and 2.5 meters wide. What is the total area of the garden in square meters?