MATHEMATICS   GRADE 06

Lesson 09 – FRACTIONS.
Worksheet

1. Identifying Proper Fractions, Unit Fractions, and Equivalent Fractions:
   a) Define a proper fraction in your own words.
   b) Give two examples of proper fractions.
   c) Define a unit fraction in your own words.
   d) Give two examples of unit fractions.
   e) Define equivalent fractions in your own words.
   f) Provide two examples of equivalent fractions.
2. Comparing Proper Fractions:
   a) Compare 1/3 and 1/4. Use the appropriate comparison symbol (<, >, or =).
   b) Compare 2/5 and 3/5. Use the appropriate comparison symbol (<, >, or =).
   c) Compare 2/7 and 5/7. Use the appropriate comparison symbol (<, >, or =).
3. Adding Proper Fractions:
   a) Solve: 1/3 + 1/6.
   b) Solve: 2/5 + 3/5.
   c) Solve: 3/8 + 1/8.
4. Subtracting Proper Fractions:
   a) Solve: 3/4 - 1/4.
   b) Solve: 5/6 - 2/6.
   c) Solve: 4/7 - 1/7.
5. Mixed Problems:
   a) Identify a proper fraction that is equivalent to 2/10.
   b) Compare 3/8 and 4/8. Use the appropriate comparison symbol (<, >, or =).
   c) Solve: 2/3 + 1/3 - 1/3.
6. Word Problems:
   a) A pizza was divided into 8 equal slices. John ate 3 slices. What fraction of the pizza did he eat?
   b) Amy had 10 chocolates. She gave away 3/5 of them. How many chocolates did she give away?
   c) John had 1/3 of a pizza, and Mary had 2/3 of a pizza. How much pizza did they have in total?
   d) Sally bought 1/2 kg of apples and 3/4 kg of oranges. How much fruit did she buy in total?
   e) Sarah had 3/4 of a cake, and she gave 1/4 of the cake to her friend. How much cake does Sarah have now?
   f) David had 2/3 of a pencil, and he lost 1/6 of the pencil. How much of the pencil does David have now?
   g) Compare 2/5 and 3/10. Which fraction is larger?
   h) Compare 4/7 and 5/8. Which fraction is larger?
   i) Compare 3/6 and 1/2. Which fraction is larger?
   j) John has 3/4 of a bag of marbles, and he gives 1/2 of the marbles to his friend. How many marbles does John have now?
   k) A pizza was divided into 8 equal slices. Sarah ate 3/8 of the pizza, and John ate 2/8 of the pizza. Who ate more pizza?

l) Sally has 2/3 of a cake, and she wants to share it equally among 4 friends. How much cake will each friend get?

m) David has 1/2 kg of strawberries, and he wants to divide them equally into 3 bowls. How much strawberries will be in each bowl?