ORCHIDS® The International School

Grade 4 Math Worksheet: Fractions(Difficulty Level: Advanced)

Name: _____
Date: _____

Part 1: Like & Unlike Fractions

1. Circle the **like fractions** in the group below:

$\frac{6}{12}, \frac{4}{12}, \frac{5}{12}, \frac{7}{12}$

2. Circle the **unlike fractions** in the group below:

$\frac{3}{8}, \frac{5}{8}, \frac{4}{9}, \frac{1}{8}$

3. Arrange the following fractions in order from smallest to largest:

$\frac{2}{5}, \frac{3}{5}, \frac{1}{5}, \frac{4}{5}$

Part 2: Proper, Improper, and Mixed Fractions

4. Identify whether each fraction is **proper**, **improper**, or a **mixed fraction**.

a) $\frac{8}{9}$ _____
b) $\frac{14}{11}$ _____
c) $4\frac{1}{4}$ _____
d) $\frac{5}{4}$ _____
e) $3\frac{3}{10}$ _____

5. Convert the following **improper fractions** to **mixed fractions**:

a) $\frac{15}{7}$ = _____

b) $\frac{31}{5}$ = _____

6. Convert the following **mixed fractions** to **improper fractions**:

a) $6\frac{2}{3}$ = _____

b) $4\frac{4}{9}$ = _____

Part 3: Word Problems

7. A class is planting trees in a park. The first group plants 2 ¾ trees, and the second group plants 3 ½ trees. How many trees were planted in total?

8. A baker needs 1 ⅓ cups of flour for one recipe. How many cups of flour will he need for 5 recipes?

Bonus Challenge

10. A rectangular field has a length of 7 ⅔ meters and a width of 4 ⅝ meters. What is the area of the field in square meters?

--BE THE CHAMPION!--