

## Types of Fractions

### A. Choose the correct answer:

1. Which of the following is a proper fraction?

a)  $\frac{5}{3}$

b)  $\frac{2}{2}$

c)  $\frac{3}{4}$

d)  $\frac{4}{2}$

2. An improper fraction has

a) Numerator smaller than denominator

b) Numerator greater than or equal to denominator

c) Denominator always 1

d) No numerator

3. Which one is a mixed fraction?

a)  $\frac{7}{7}$

b)  $\frac{3}{5}$

c)  $2\frac{1}{3}$

d)  $\frac{1}{1}$

4. Which of the following is not a like fraction?

a)  $\frac{2}{5}$  and  $\frac{3}{5}$

b)  $\frac{4}{6}$  and  $\frac{1}{6}$

c)  $\frac{1}{4}$  and  $\frac{2}{3}$

d)  $\frac{3}{10}$  and  $\frac{5}{10}$

5. What do we call fractions with the same denominators?

a) Unlike fractions

b) Improper fractions

c) Like fractions

d) Equal fractions

### B. Write the Missing Terms to Complete the Sentences:

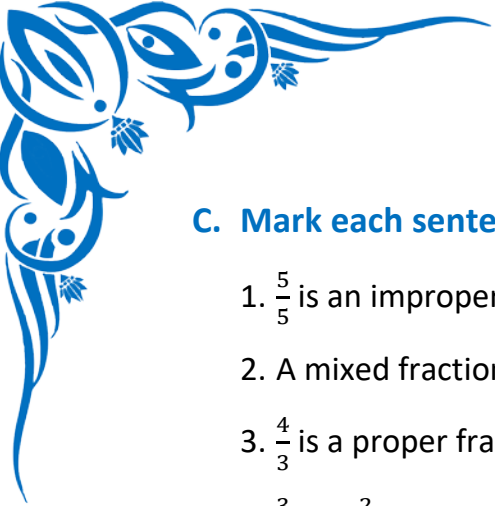
1. A fraction in which numerator is less than denominator is called a \_\_\_\_ fraction.

2. A fraction like  $\frac{5}{4}$  is called an \_\_\_\_ fraction.

3. A mixed fraction has a whole number and a \_\_\_\_.

4. Fractions with different denominators are called \_\_\_\_ fractions.

5.  $2\frac{1}{2}$  is an example of a \_\_\_\_ fraction.



**C. Mark each sentence with a True (✓) or False (X):**

1.  $\frac{5}{5}$  is an improper fraction. \_\_\_\_\_
2. A mixed fraction is always more than 1. \_\_\_\_\_
3.  $\frac{4}{3}$  is a proper fraction. \_\_\_\_\_
4.  $\frac{3}{7}$  and  $\frac{2}{7}$  are like fractions. \_\_\_\_\_
5.  $6\frac{1}{2}$  is a mixed fraction. \_\_\_\_\_

**D. Figure out the answers to these questions:**

1. Write any two examples each of proper, improper, and mixed fractions
2. Identify the type of fraction:  $\frac{9}{4}$
3. Change  $1\frac{2}{5}$  into an improper fraction
4. Write whether  $\frac{7}{7}$  is a proper, improper, or mixed fraction
5. Write two like fractions and two unlike fractions

**E. Challenge yourself with these questions:**

1. Classify  $\frac{2}{3}$ ,  $\frac{4}{4}$ ,  $\frac{5}{2}$ , and  $3\frac{1}{4}$  into proper, improper, and mixed fractions.
2. Convert  $2\frac{2}{3}$  into an improper fraction.
3. Write three unlike fractions and explain why they are called so.
4. Is  $\frac{8}{3}$  a proper or improper fraction? Show how you know.
5. Convert the improper fraction  $\frac{11}{5}$  into a mixed fraction.