

## Proper Fractions and Improper Fractions

### A. Choose the correct answer:

1. Which of the following is a proper fraction?

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

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

c)  $\frac{2}{5}$

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

2. An improper fraction always has

a) A numerator smaller than the denominator

b) A numerator greater than or equal to the denominator

c) A denominator more than 10

d) Both numerator and denominator equal to 1

3. Which of these is an improper fraction?

a)  $\frac{1}{2}$

b)  $\frac{7}{4}$

c)  $\frac{3}{8}$

d)  $\frac{5}{9}$

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

a)  $\frac{6}{11}$

b)  $\frac{5}{7}$

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

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

5.  $\frac{9}{9}$  is an example of

a) Proper fraction

b) Improper fraction

c) Mixed fraction

d) Equal fraction

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

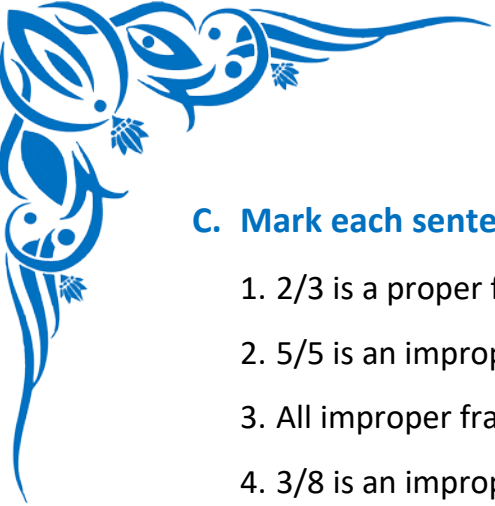
1. A fraction in which numerator is less than denominator is called a \_\_\_\_ fraction

2. A fraction with numerator greater than or equal to denominator is called an \_\_\_\_ fraction

3.  $\frac{7}{8}$  is a \_\_\_\_ fraction

4.  $\frac{10}{5}$  is an example of an \_\_\_\_ fraction

5. All proper fractions are less than \_\_\_\_



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

1.  $\frac{2}{3}$  is a proper fraction \_\_\_\_\_
2.  $\frac{5}{5}$  is an improper fraction \_\_\_\_\_
3. All improper fractions are greater than 1 \_\_\_\_\_
4.  $\frac{3}{8}$  is an improper fraction \_\_\_\_\_
5.  $\frac{6}{4}$  is an improper fraction \_\_\_\_\_

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

1. Write any 3 examples of proper fractions and improper fractions.
2. Is  $\frac{6}{5}$  a proper or improper fraction? Explain why.
3. Identify the type of fraction:  $\frac{4}{4}$ ,  $\frac{3}{7}$ ,  $\frac{11}{9}$ .
4. Write two proper fractions and show them using a diagram.
5. Write the difference between proper and improper fractions in your own words.

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

1. Classify the following:  $\frac{5}{8}$ ,  $\frac{8}{8}$ ,  $\frac{9}{5}$ ,  $\frac{2}{9}$ ,  $\frac{10}{3}$ .
2. Write any two improper fractions and convert them into mixed fractions.
3. Is  $\frac{4}{6}$  a proper fraction? Justify your answer.
4. Compare  $\frac{7}{4}$  and  $\frac{3}{4}$ . Which is proper and which is improper?
5. List four fractions and identify each as proper or improper.