## Fractions and its types

#### A. Choose the correct answer:

1. Which of the following is a proper fraction?

	a) $\frac{5}{4}$	b) $\frac{7}{3}$
	c) $\frac{2}{5}$	d) $\frac{8}{5}$
2.	What type of fraction is $\frac{9}{9}$ ?	
	a) Proper	b) Improper
	c) Unit	d) Equivalent
3.	Which of these is an impro	per fraction?
	a) $\frac{1}{2}$	b) $\frac{3}{4}$
	c) $\frac{7}{5}$	d) $\frac{2}{3}$

- 4. A fraction whose numerator is greater than the denominator is called
  - a) Proper fraction b) Unit fraction
  - c) Mixed fraction d) Improper fraction

# 5. What is $2\frac{1}{2}$ called?

- a) Improper fraction b) Proper fraction
- c) Mixed fraction d) Equivalent fraction

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

- 1. A fraction with numerator smaller than denominator is called a \_\_\_\_\_\_ fraction
- 2.  $\frac{5}{5}$  is equal to \_\_\_\_\_
- 3. A mixed fraction has a whole number and a \_\_\_\_\_
- 4.  $\frac{7}{4}$  is an example of an \_\_\_\_\_ fraction
- 5.  $\frac{1}{4}$  is a \_\_\_\_\_ fraction

### C. Mark each sentence with a True ( ✔) or False (X):

1. A proper fraction is always less than 1	
2. $\frac{9}{8}$ is a proper fraction	
3. $2\frac{1}{2}$ is a mixed fraction	
4. An improper fraction can be changed into a mixed fraction	
5. $\frac{1}{1}$ is a unit fraction	

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

- 1. Write 3 examples each of proper, improper, and mixed fractions.
- 2. Convert  $\frac{11}{4}$  into a mixed fraction.
- 3. Convert  $2\frac{3}{5}$  into an improper fraction.
- 4. Identify whether  $\frac{3}{5}$ ,  $\frac{8}{8}$ ,  $\frac{7}{6}$ ,  $2\frac{1}{2}$  are proper, improper, or mixed.
- 5. Compare  $\frac{3}{4}$  and  $\frac{4}{3}$ . Which is greater and why?

## E. Challenge yourself with these questions:

- 1. Write the types of the following:  $\frac{3}{3}$ ,  $\frac{6}{5}$ ,  $\frac{5}{9}$ ,  $1\frac{1}{3}$ .
- 2. Convert the following improper fractions into mixed numbers:  $\frac{9}{2}$ ,  $\frac{11}{5}$ .
- 3. List 3 unit fractions.
- 4. Which is greater:  $\frac{5}{6}$  or  $\frac{6}{5}$ ? Explain your answer.
- 5. Write two proper and two improper fractions with denominator 7.