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 (✗):

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.