

## Like and Unlike Fractions

### A. Choose the correct answer:

1. Which of the following are like fractions

a.  $\frac{1}{4}$  and  $\frac{2}{5}$

b.  $\frac{3}{7}$  and  $\frac{3}{8}$

c.  $\frac{5}{9}$  and  $\frac{2}{9}$

d.  $\frac{2}{3}$  and  $\frac{3}{4}$

2. What are unlike fractions

- a. Fractions with the same numerator
- b. Fractions with the same denominator
- c. Fractions with different denominators
- d. Fractions that are equal

3. Which is a pair of unlike fractions

a.  $\frac{1}{5}$  and  $\frac{3}{5}$

b.  $\frac{2}{6}$  and  $\frac{4}{6}$

c.  $\frac{3}{4}$  and  $\frac{2}{7}$

d.  $\frac{5}{8}$  and  $\frac{1}{8}$

4. Which of the following are like fractions

a.  $\frac{1}{6}$  and  $\frac{2}{6}$

b.  $\frac{3}{5}$  and  $\frac{5}{3}$

c.  $\frac{2}{9}$  and  $\frac{3}{8}$

d.  $\frac{1}{3}$  and  $\frac{3}{4}$

5. In the pair  $\frac{4}{7}$  and  $\frac{5}{7}$

- a. both numerators are equal
- b. both denominators are different
- c. both fractions are unlike
- d. both fractions are like

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

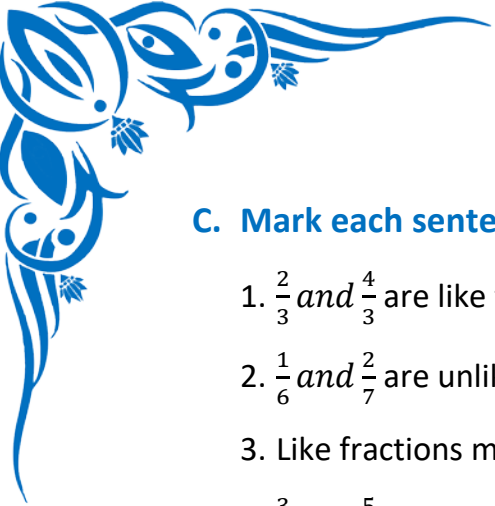
1. Fractions with the same denominator are called \_\_\_\_\_

2.  $\frac{1}{4}$  and  $\frac{3}{4}$  are \_\_\_\_\_

3.  $\frac{2}{5}$  and  $\frac{2}{7}$  are \_\_\_\_\_

4. Like fractions have the same \_\_\_\_\_

5.  $\frac{5}{6}$  and  $\frac{1}{2}$  are fractions \_\_\_\_\_



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

1.  $\frac{2}{3}$  and  $\frac{4}{3}$  are like fractions \_\_\_\_\_
2.  $\frac{1}{6}$  and  $\frac{2}{7}$  are unlike fractions \_\_\_\_\_
3. Like fractions must have the same numerator \_\_\_\_\_
4.  $\frac{3}{9}$  and  $\frac{5}{9}$  are like fractions \_\_\_\_\_
5.  $\frac{1}{2}$  and  $\frac{1}{3}$  are like fractions \_\_\_\_\_

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

1. Write any three pairs of like fractions.
2. Write any three pairs of unlike fractions.
3. Identify which are like and which are unlike.

$$\frac{2}{6} \text{ and } \frac{3}{6}$$

$$\frac{1}{4} \text{ and } \frac{1}{3}$$

$$\frac{5}{7} \text{ and } \frac{2}{9}$$

$$\frac{3}{8} \text{ and } \frac{7}{8}$$

$$\frac{6}{10} \text{ and } \frac{6}{9}$$

4. Shade two like fractions using rectangles divided into equal parts.

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

1. Write 3 like fractions using denominator 6.
2. Write 3 unlike fractions with different denominators.
3. Color  $\frac{2}{5}$  and  $\frac{4}{5}$  on two same-sized rectangles and explain why they are like fractions.
4. Write a real-life example of like fractions.
5. Write a real-life example of unlike fractions.