



## Fractional Units as Parts of a Whole

### A. Choose the Correct Answer:

1. Which of the following fractions represents one part out of ten?

a)  $\frac{1}{2}$   
c)  $\frac{1}{10}$

b)  $\frac{1}{5}$   
d)  $\frac{1}{4}$

2. If a paper is folded into 8 equal parts and 3 parts are shaded, the shaded portion is:

a)  $\frac{3}{8}$   
c)  $\frac{3}{10}$

b)  $\frac{5}{8}$   
d)  $\frac{8}{3}$

3. What does the fraction  $\frac{5}{5}$  represent?

a) Half  
c) Whole

b) Equal parts  
d) Zero

4. In the fraction  $\frac{7}{9}$ , 9 tells us:

a) Number of parts shaded  
c) Number of parts removed

b) Total number of equal parts  
d) Value of the whole

5. A circle divided into 2 equal parts has what fractional value for one part?

a)  $\frac{1}{4}$   
c)  $\frac{1}{2}$

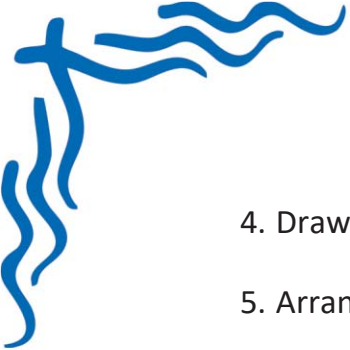
b)  $\frac{1}{3}$   
d)  $\frac{2}{2}$

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

1. A whole can be divided into \_\_\_\_\_ number of equal fractional parts.
2. The fraction  $\frac{4}{6}$  means 4 parts taken out of \_\_\_\_\_ equal parts.
3. The \_\_\_\_\_ of a fraction shows how many equal parts make the whole.
4.  $\frac{6}{6}$  of a chocolate means the \_\_\_\_\_ chocolate is present.
5. If  $\frac{1}{3}$  of a rope is cut, \_\_\_\_\_ of the rope is left.

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

1. Shade  $\frac{2}{5}$  of a rectangle divided into 5 equal parts.
2. Describe a real-world example where you use  $\frac{1}{3}$  of an object.
3. Write two examples where the whole is divided into 6 equal parts.



4. Draw a circle and show  $\frac{3}{4}$  of it shaded. What part is unshaded?
5. Arrange the following fractions in increasing order:  $\frac{1}{2}, \frac{1}{4}, \frac{3}{4}, \frac{1}{3}$
6. A chocolate is broken into 10 equal parts. How many parts make  $\frac{3}{5}$  of it?
7. Write a short story involving someone using  $\frac{1}{2}$  or  $\frac{3}{4}$  of something (e.g., a drink, a book).
8. Use a number line to show the fractions  $0, \frac{1}{4}, \frac{1}{2}, \frac{3}{4}$ , and 1.

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

1.  $\frac{2}{2}$  represents one whole. ☐
2. In the fraction  $\frac{4}{7}$ , the numerator is 7. ☐
3. Fractional units can never be greater than one. ☐
4. A whole can be split into as many equal parts as we want. ☐
5. The more parts a whole is divided into, the smaller each part becomes. ☐

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

1. Divide a pizza into 8 slices. If 5 are eaten, what fraction remains?
2. A ribbon is 1 meter long. If you use  $\frac{3}{4}$  of it, how much do you have left?
3. If a bar of soap is cut into 4 equal pieces, how many pieces make  $\frac{3}{4}$ ?
4. Name five objects around you that can be divided into equal fractional parts.
5. Explain how you would divide a bar of chocolate among 5 friends equally.
6. Create a small comic strip (3 frames) showing fractional use in daily life.
7. Write and solve a word problem where someone eats  $\frac{2}{3}$  of a sandwich.
8. If a water tank is filled up to  $\frac{3}{6}$  of its capacity, what fraction is empty?
9. Compare the following using  $<$ ,  $>$ , or  $=$   $\frac{2}{4}$  and  $\frac{1}{2}$
10. Draw a rectangle, divide it into 10 parts, and shade 7 parts. Write the shaded and unshaded fraction.