Importance of Fractions

A. Choose the Correct Answer:

1. Which of the following represents a fraction?

a) 2 + 3 b) $\frac{3}{4}$

c) 4 × 5 d) 12

2. In the fraction $\frac{5}{8}$, what is 5 called?

a) Denominator b) Mixed Number

c) Numerator d) Whole

3. Which fraction shows one-half of a pizza?

a) $\frac{1}{4}$ b) $\frac{2}{3}$

c) $\frac{1}{2}$ d) $\frac{3}{4}$

4. Fractions are useful in daily life when:

a) Buying a new car b) Measuring ingredients while cooking

c) Counting money d) Watching TV

5. The fraction $\frac{4}{4}$ is equal to:

a) 1 b) 0

c) 2 d) 3

B. Write the Missing Terms to Complete the Sentences:

1. Fractions are used when we divide a whole into _____ parts.
2. A _____ is the bottom number of a fraction.
3. Sharing a chocolate bar among 3 friends means each gets _____ of the whole bar.
4. $\frac{3}{5}$ is read as "three _____ fifths."
5. Fractions help in understanding parts of a _____.

C. Figure out the answers to these questions:

1. Write two real-life examples where you used fractions in your daily routine.
2. Shade $\frac{3}{4}$ of the given rectangle below. (Draw a rectangle for shading purpose)
3. List any 3 professions where understanding fractions is important.
4. Explain how fractions are used when you cut a cake into pieces for friends.

5. Compare the fractions $\frac{2}{5}$ and $\frac{3}{5}$ using "<" or ">".
6. Write a short paragraph (4—5 lines) on why fractions are important in real life.
7. Create your own word problem that uses a fraction and draw a simple diagram for it.
8. If a water bottle is $\frac{3}{4}$ full, what fraction is empty? Use a number line to represent the answer.

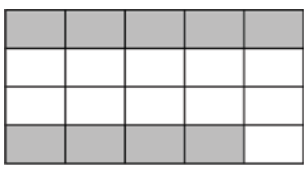
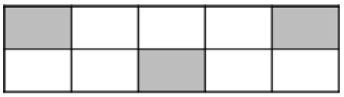
D. Mark each sentence with a True (✓) or False (✗):

1. Fractions are only used in school and not in real life. ☐
2. The fraction $\frac{1}{2}$ is smaller than $\frac{3}{4}$. ☐
3. A pizza cut into 8 equal parts shows the use of fractions. ☐
4. $\frac{5}{5}$ is equal to 1. ☐
5. Fractions can represent both small and large parts of a whole. ☐

E. Challenge yourself with these questions:

1. Identify and write 3 fractions you see in your kitchen.
2. Your friend drank $\frac{2}{5}$ of a juice bottle. How much is left?
3. Write a short story where fractions are involved in sharing something.
4. Find which is greater: $\frac{4}{6}$ or $\frac{2}{3}$. Show how you decided.
5. Draw a clock and show $\frac{1}{4}$ past 3 using hands.
6. Explain how fractions are used in music or dance.
7. Find 3 examples of fractions in your textbook illustrations.
8. A rectangle is divided into 10 parts. Shade 7 parts. What fraction is shaded?
9. If $\frac{1}{3}$ of a group are girls, what fraction are boys?

F. Write the fraction representing the shaded portion.

1. 
2. 
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