



# Mixed Numbers and Improper Fractions

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Grade: Grade 4

## Part A: Multiple Choice

Circle the best answer for each question.

1. Maya has  $3\frac{1}{2}$  pizzas. Each pizza is cut into halves. How many half slices does Maya have in all?

- A) 6 halves
- B) 7 halves
- C) 8 halves
- D) 5 halves

2. On a number line, where does the improper fraction  $\frac{11}{4}$  fall?

- A) Between 1 and 2
- B) Between 2 and 3
- C) Between 3 and 4
- D) Exactly on 3

3. Which fraction is equal to exactly 1 whole?

- A)  $\frac{6}{8}$
- B)  $\frac{8}{6}$
- C)  $\frac{6}{6}$
- D)  $\frac{5}{6}$

4. Liam ate  $\frac{9}{4}$  of a granola bar. How would you write  $\frac{9}{4}$  as a mixed number?

- A)  $1\frac{1}{4}$
- B)  $2\frac{1}{4}$
- C)  $2\frac{3}{4}$
- D)  $3\frac{1}{4}$

## Part B: Fill in the Blank

Write the correct answer on each line.

1. A baker uses  $5\frac{1}{2}$  cups of flour. Written as an improper fraction, that is \_\_\_\_\_/2 cups.
2. A ribbon is  $\frac{17}{3}$  feet long. Written as a mixed number, the ribbon is 5 \_\_\_\_\_/3 feet.
3. Each apple is cut into 4 equal pieces. If there are 9 pieces in a bowl, that equals \_\_\_\_\_ whole apples and 1 quarter.
4. On a number line marked in fifths, the point at  $\frac{13}{5}$  falls between 2 and \_\_\_\_\_.
5. If 1 whole pizza equals  $\frac{8}{8}$  slices, then 4 whole pizzas equal \_\_\_\_\_/8 slices.

**Part A: Multiple Choice**

Circle the best answer for each question.

1. Maya has  $3\frac{1}{2}$  pizzas. Each pizza is cut into halves. How many half slices does Maya have in all?

- A) 6 halves
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- C) 8 halves
- D) 5 halves

2. On a number line, where does the improper fraction  $\frac{11}{4}$  fall?

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4. Liam ate  $\frac{9}{4}$  of a granola bar. How would you write  $\frac{9}{4}$  as a mixed number?

- A)  $1\frac{1}{4}$
- B)  $2\frac{1}{4}$
- C)  $2\frac{3}{4}$
- D)  $3\frac{1}{4}$

**Part B: Fill in the Blank**

Write the correct answer on each line.

1. A baker uses  $5\frac{1}{2}$  cups of flour. Written as an improper fraction, that is 11 /2 cups.
2. A ribbon is  $\frac{17}{3}$  feet long. Written as a mixed number, the ribbon is 5 2 /3 feet.
3. Each apple is cut into 4 equal pieces. If there are 9 pieces in a bowl, that equals 2 whole apples and 1 quarter.
4. On a number line marked in fifths, the point at  $\frac{13}{5}$  falls between 2 and 3 .
5. If 1 whole pizza equals  $\frac{8}{8}$  slices, then 4 whole pizzas equal 32 /8 slices.