



Mixed Numbers and Improper Fractions

Name: _____

Date: _____

Grade: Grade 4

Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: $5/4$ equals 1 and $1/2$ because 5 minus 4 is 1 over 2.

Rewrite: _____

2. Fix the sentence: The number $7/3$ is a proper fraction because the top is bigger.

Rewrite: _____

3. Fix the sentence: Two and one half written as an improper fraction is $3/2$ because 2 plus 1 is 3.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

- The fraction $6/6$ equals exactly _____ whole(s) because the numerator and denominator are the same.
- Write $9/4$ as a mixed number: 9 divided by 4 is 2 with remainder 1, so $9/4 = 2$ _____ $/4$.
- Write $1\ 3/5$ as an improper fraction: 1 times 5 plus 3 = _____ $/5$.
- On a number line, the improper fraction $11/4$ sits between the whole numbers 2 and _____ .

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Why is $4/4$ equal to 1 whole? Explain in your own Grade 4 words.

2. Explain the difference between a proper fraction and an improper fraction with an example.

Answer Key · Mixed Numbers and Improper Fractions · Grade: Grade 4

Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: $5/4$ equals 1 and $1/2$ because 5 minus 4 is 1 over 2.

Rewrite: $5/4$ equals 1 and $1/4$ because 5 minus 4 is 1 over the same denominator 4.

2. Fix the sentence: The number $7/3$ is a proper fraction because the top is bigger.

Rewrite: The number $7/3$ is an improper fraction because the numerator is greater than the denominator.

3. Fix the sentence: Two and one half written as an improper fraction is $3/2$ because 2 plus 1 is 3.

Rewrite: Two and one half written as an improper fraction is $5/2$ because 2 times 2 plus 1 is 5.

Part B: Fill in the Blank

Write the missing word or number on each line.

- The fraction $6/6$ equals exactly 1 whole(s) because the numerator and denominator are the same.
- Write $9/4$ as a mixed number: 9 divided by 4 is 2 with remainder 1, so $9/4 = 2$ 1 /4.
- Write $1\ 3/5$ as an improper fraction: 1 times 5 plus 3 = 8 /5.
- On a number line, the improper fraction $11/4$ sits between the whole numbers 2 and 3.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Why is $4/4$ equal to 1 whole? Explain in your own Grade 4 words.

When the numerator and denominator are the same, every part of the whole has been counted. So $4/4$ means all four pieces of one whole are there, which equals exactly 1 whole.

2. Explain the difference between a proper fraction and an improper fraction with an example.

A proper fraction has a numerator smaller than its denominator, like $3/5$. An improper fraction has a numerator equal to or larger than its denominator, like $7/5$, which is more than one whole.
