



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: The number $3/8$ is an improper fraction because eight is bigger than three.

Rewrite: _____

2. Fix the sentence: A fraction bar showing 4 out of 3 equal parts shaded is impossible.

Rewrite: _____

3. Fix the sentence: The mixed number $2\ 0/5$ is the same as $2/5$.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

1. A fraction is called improper when its numerator is greater than or equal to its _____ .
2. Two pies cut into 4 equal slices each have a total of _____ slices, written as $8/4$.
3. The mixed number $4\ 2/3$ written as an improper fraction is _____ /3.
4. $13/5$ written as a mixed number is $2\ \underline{\hspace{1cm}}/5$ because 13 divided by 5 leaves remainder 3.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Maria sees the fraction $8/8$ on a fraction bar fully shaded. How would you describe its value to a Grade 4 friend?

2. How can you tell, just by looking, whether a fraction is greater than 1?

Part A: Fix the Sentence

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

1. Fix the sentence: The number $3/8$ is an improper fraction because eight is bigger than three.

Rewrite: The number $3/8$ is a proper fraction because the numerator three is smaller than the denominator eight.

2. Fix the sentence: A fraction bar showing 4 out of 3 equal parts shaded is impossible.

Rewrite: A fraction bar showing 4 out of 3 equal parts shaded means more than one whole bar, which is the improper fraction $4/3$.

3. Fix the sentence: The mixed number $2\ 0/5$ is the same as $2/5$.

Rewrite: The mixed number $2\ 0/5$ is the same as the whole number 2.

Part B: Fill in the Blank

Write the missing word or number on each line.

1. A fraction is called improper when its numerator is greater than or equal to its denominator.
2. Two pies cut into 4 equal slices each have a total of 8 slices, written as $8/4$.
3. The mixed number $4\ 2/3$ written as an improper fraction is 14 /3.
4. $13/5$ written as a mixed number is $2\ 3$ /5 because 13 divided by 5 leaves remainder 3.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Maria sees the fraction $8/8$ on a fraction bar fully shaded. How would you describe its value to a Grade 4 friend?

I would say $8/8$ means every one of the 8 equal parts is shaded, so it makes one full bar. That is exactly 1 whole, even though it looks like a fraction.

2. How can you tell, just by looking, whether a fraction is greater than 1?

Look at the numerator and denominator. If the numerator is bigger than the denominator, the