LESSON MAKER PRO

Fraction Form Switch

Show fractions in more than one way.

GRADE 3 · 3.NR.4.3

3.NR.4.3 "Represent fractions, including fractions greater than one, in multiple ways."

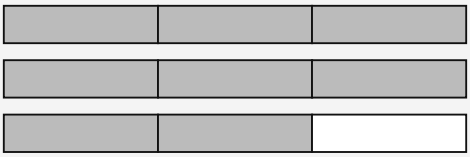
NAME _____ DATE _____

MAKE WHOLES FIRST

A fraction greater than one has enough equal parts to make one or more wholes. To rename it as a mixed number, group the parts into wholes, then write the parts left over as a fraction.

WORKED EXAMPLE

Write 8/3 as a mixed number.



1. 8/3 = 3/3 + 3/3 + 2/3.
2. 3/3 + 3/3 = 2 wholes.
3. 2 wholes + 2/3 = 2 2/3.

Answer: 2 2/3

PRACTICE 6 problems

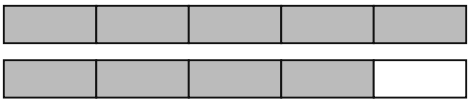
1 Write 9/2 as a mixed number.

ANSWER _____

2 Write 5 1/4 as an improper fraction.

ANSWER _____

3 Write the shaded fraction model as a mixed number and as an improper fraction.



ANSWER _____

4 Write 11/6 as a mixed number.

ANSWER _____

5 Write 2 2/7 as an improper fraction.

ANSWER _____

6 Write 4 1/9 as an improper fraction.

ANSWER _____

APPLY IT Show your work

1 A craft club used 12/5 meters of glow tape to decorate a robot. Write the amount of tape as a mixed number.

WORK SPACE

ANSWER _____

2 At field day, Kai ran 2 1/6 laps around the track. Write this distance as an improper fraction.

WORK SPACE

ANSWER _____

CHALLENGE One step up

Sam writes 1 7/6 as the mixed-number form of 13/6. Is this a correct mixed number? Explain, then write 13/6 as a correct mixed number.

WORK SPACE AND ANSWER

ANSWER KEY

Fraction Form Switch

GRADE 3 · 3.NR.4.3

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Write 9/2 as a mixed number.	**4 1/2**
2	Write 5 1/4 as an improper fraction.	**21/4**
3	Write the shaded fraction model as a mixed number and as an improper fraction.	**1 4/5 and 9/5**
4	Write 11/6 as a mixed number.	**1 5/6**
5	Write 2 2/7 as an improper fraction.	**16/7**
6	Write 4 1/9 as an improper fraction.	**37/9**

PART 2 · APPLY IT

1. **2 2/5 meters** Make groups of 5 fifths. There are 2 whole meters and 2/5 meter left.
2. **13/6 laps** Two whole laps are 12/6 laps. Add 1/6 to get 13/6 laps.

CHALLENGE

No. A mixed number must have a fraction less than one. 13/6 = 2 1/6.

Accept equivalent fraction forms when they represent the same amount. For the challenge, accept explanations that state the fractional part of a mixed number must be less than one.