



GRADE 3 / WATCH MR DJ SOLVE

WHOLE NUMBERS AS FRACTIONS

Start with the same example used in the lesson slides.

**WATCH MR DJ SOLVE****Write 1 whole using halves. Draw all the parts.**

- 1** One whole contains 2 of its $\frac{1}{2}$ parts.
- 2** Select every part.
- 3** $\frac{2}{2}$ names 1.

Answer: $\frac{2}{2}=1$ **REMEMBER** express whole numbers as fractions and regroup unit fractions into wholes.

Read each step and explain why it is valid. The next pages demonstrate the methods in more detail. Then use the large work areas on the numbered practice pages.



GRADE 3 / WORKED METHODS

WHOLE NUMBERS AS FRACTIONS

Read a complete example before trying the matching method.



Use these examples as a reference. Keep each quantity and its unit visible. A different valid method is welcome unless a question specifically requests one.

All parts make a whole

$$4/4=1$$

1. One whole is divided into four equal parts.
2. All four parts are selected.
3. Four fourths make one whole.



$4/4 = 1$ whole



4 more fourths make a second whole

GRADE 3 / WORKED METHODS

WHOLE NUMBERS AS FRACTIONS

Read a complete example before trying the matching method.



Use these examples as a reference. Keep each quantity and its unit visible. A different valid method is welcome unless a question specifically requests one.

Several wholes

$$8/4=2$$

1. Four fourths make the first whole.
2. Four more fourths make a second whole.
3. Eight fourths equal 2.

GRADE 3 / MATHEMATICAL WORK TOOL

WHOLE NUMBERS AS FRACTIONS

Use labels and a clear scale.



Define one whole, then partition it into equal parts. On number lines, label zero and one before making equal intervals. Extend the line for fractions beyond one.



Date _____

WHOLE NUMBERS AS FRACTIONS

A cartoon fox mascot with orange fur, large eyes, and a purple scarf, holding a yellow pencil.

 Mild

My answer / conclusion: _____



GRADE 3 / PRACTICE

WHOLE NUMBERS AS FRACTIONS

Show the method, label your work, and explain the reasoning requested.



Use the worked-method reference when helpful. Use the included method reference. Show the requested method, then check your answer. Reasoning questions need evidence and an explanation.

🔪 Mild

2. How many $\frac{1}{2}$ pieces make 2 wholes? Show a model.

My answer / conclusion: _____



GRADE 3 / PRACTICE

WHOLE NUMBERS AS FRACTIONS

Show the method, label your work, and explain the reasoning requested.



Use the worked-method reference when helpful. Use the included method reference. Show the requested method, then check your answer. Reasoning questions need evidence and an explanation.

🔊 Medium

3. Mark $\frac{4}{2}$ on a number line with wholes labeled.

My answer / conclusion: _____



GRADE 3 / PRACTICE

WHOLE NUMBERS AS FRACTIONS

Show the method, label your work, and explain the reasoning requested.



Use the worked-method reference when helpful. Use the included method reference. Show the requested method, then check your answer. Reasoning questions need evidence and an explanation.

🔊 Medium

4. Which whole number equals $6/2$? Explain.

Grid area for working out the answer to Question 4.

My answer / conclusion: _____

🔊 Medium

5. Write two fraction names for 2 wholes, using denominator 1 and denominator 2.

Grid area for working out the answer to Question 5.

My answer / conclusion: _____



GRADE 3 / PRACTICE

WHOLE NUMBERS AS FRACTIONS

Show the method, label your work, and explain the reasoning requested.



Use the worked-method reference when helpful. Use the included method reference. Show the requested method, then check your answer. Reasoning questions need evidence and an explanation.

🔥🔥🔥 Spicy

6. Digit says $2/2=2$ because the top counts 2 parts. Repair this.

Grid area for working out the problem.

My answer / conclusion: _____



Date _____

WHOLE NUMBERS AS FRACTIONS

A cartoon fox mascot with orange fur, large eyes, and a purple scarf, holding a yellow pencil.

''' Spicy 7. Is $2/1$ a fraction even though it equals a whole number? Explain.

My answer / conclusion: _____



GRADE 3 / PRACTICE

WHOLE NUMBERS AS FRACTIONS

Show the method, label your work, and explain the reasoning requested.



Use the worked-method reference when helpful. Use the included method reference. Show the requested method, then check your answer. Reasoning questions need evidence and an explanation.

Extra Spicy

8. Find three fraction names for 2. Use denominator 1,2 and 4. Explain.

Grid area for working out the answer.

My answer / conclusion: _____