



GRADE 3 / WATCH MR DJ SOLVE

UNIT FRACTIONS AND EQUAL PARTS

Start with the same example used in the lesson slides.

**WATCH MR DJ SOLVE****Draw one whole rectangle in 3 equal parts. Shade 1 part. Name its fraction.**

- 1 The denominator 3 counts all equal parts.
- 2 One part is shaded.
- 3 Its size is $\frac{1}{3}$ of this whole.

Answer: $\frac{1}{3}$ **REMEMBER** name unit fractions and build a fraction from equal parts of one whole.

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**UNIT FRACTIONS AND EQUAL PARTS**

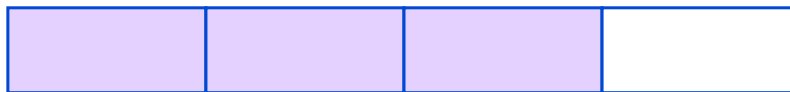
Read a complete example before trying the matching method.



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.

One equal part**1 of 4 equal parts is $\frac{1}{4}$**

1. Define one whole rectangle.
2. Split it into 4 equal-area parts.
3. One part is one fourth.

 $3 \text{ fourths} = \frac{3}{4}$

GRADE 3 / WORKED METHODS

UNIT FRACTIONS AND EQUAL PARTS

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 equal parts

3 fourths make $\frac{3}{4}$

1. Each piece is $\frac{1}{4}$ of the whole.
2. Select 3 of the 4 pieces.
3. 3 copies of $\frac{1}{4}$ make $\frac{3}{4}$.

GRADE 3 / MATHEMATICAL WORK TOOL

UNIT FRACTIONS AND EQUAL PARTS

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.

**GRADE 3 / PRACTICE****UNIT FRACTIONS AND EQUAL PARTS**

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**1. Draw 3 equal parts of one whole. Shade 2. Write the fraction.**

My answer / conclusion: _____

€ Mild**2. In $\frac{2}{3}$, explain what each number counts.**

My answer / conclusion: _____



Date _____

UNIT FRACTIONS AND EQUAL PARTS

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

Medium 3. Build $\frac{2}{3}$ from unit fractions. Write the sum in words.

My answer / conclusion: _____



GRADE 3 / PRACTICE

UNIT FRACTIONS AND EQUAL PARTS

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. Draw a whole with 3 equal parts and no shaded parts. Name the fraction shaded.

My answer / conclusion: _____



GRADE 3 / PRACTICE

UNIT FRACTIONS AND EQUAL PARTS

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

5. Draw two same-size wholes. Show $\frac{1}{3}$ in one and $\frac{2}{3}$ in the other.

My answer / conclusion: _____



GRADE 3 / PRACTICE

UNIT FRACTIONS AND EQUAL PARTS

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 draws 3 unequal pieces and labels one piece $\frac{1}{3}$. Explain what must be checked.

Grid area for student work.

My answer / conclusion: _____



GRADE 3 / PRACTICE

UNIT FRACTIONS AND EQUAL PARTS

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

7. Can $\frac{2}{3}$ be shown by 2 pieces from different-sized wholes? Explain.

Grid area for student work.

My answer / conclusion: _____



GRADE 3 / PRACTICE

UNIT FRACTIONS AND EQUAL PARTS

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. Show $\frac{2}{3}$ in two different shapes with the same unit meaning. Explain what your models share.

Grid area for drawing and explaining the answer.

My answer / conclusion: _____