



GRADE 4 / WATCH MR DJ SOLVE

COMPARING DECIMALS

Start with the same example used in the lesson slides.

**WATCH MR DJ SOLVE****Compare 0.40 and 0.35. Use hundredths of equal wholes to justify $<$, $>$ or $=$.**

- 1** 0.40 is 40 hundredths
- 2** 0.35 is 35 hundredths.
- 3** Compare 40 and 35.
- 4** $0.40 > 0.35$.

Answer: **$0.40 > 0.35$** **REMEMBER** Compare equal places or rename amounts as hundredths of the same 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 4 / WORKED METHODS

COMPARING DECIMALS

Read a complete example before trying the matching method.



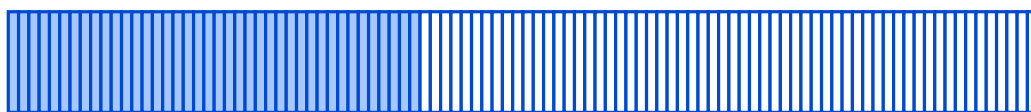
Use these examples as a reference. Keep each quantity and its unit visible. A different valid method is welcome unless a question specifically requests one.

Compare amounts in hundredths

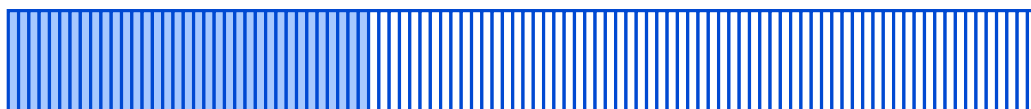
$0.40 > 0.35$

1. Four tenths equal forty hundredths.
2. Compare 40 and 35 equal pieces.
3. 0.40 is greater, so $0.4 > 0.35$.

$$0.40 > 0.35$$



$$40/100$$



$$35/100$$

GRADE 4 / WORKED METHODS**COMPARING DECIMALS**

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.

Order with equal values visible

$$0.06 < 0.6 = 0.60 < 0.66$$

1. Rename to 6,60,60,66 hundredths.
2. Order the whole-number counts.
3. Keep equal values at the same point.



Date _____

COMPARING DECIMALS

A cartoon fox mascot with orange fur, large eyes, and a purple scarf, holding a yellow pencil. It is positioned in the top left corner of the slide.

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.

1. Compare 0.07 and 0.70. Use hundredths of equal wholes to justify $<$, $>$ or $=$.

My answer / conclusion: _____

2. Compare 0.92 and 0.90. Use hundredths of equal wholes to justify $<$, $>$ or $=$.

My answer / conclusion: _____



GRADE 4 / PRACTICE

COMPARING DECIMALS

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. Order 0.6, 0.06, 0.66 and 0.60 from least to greatest. Show equal values.

Grid area for working out the solution to Question 3.

My answer / conclusion: _____

Medium

4. Find the hundredths decimal halfway between 0.20 and 0.30. Explain with distances.

Grid area for working out the solution to Question 4.

My answer / conclusion: _____



GRADE 4 / PRACTICE

COMPARING DECIMALS

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. Compare 1.02 and 0.99. Explain why comparing 2 with 99 alone fails.

Grid area for working out problem 5.

My answer / conclusion: _____

🔊🔊🔊 Spicy

6. Blaze says $0.8 < 0.75$ because $8 < 75$. Correct the comparison and identify the unit error.

Grid area for working out problem 6.

My answer / conclusion: _____

GRADE 4 / PRACTICE

COMPARING DECIMALS

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. Find all decimals with exactly two decimal places strictly between 0.45 and 0.50. Explain completeness.

My answer / conclusion: _____

GRADE 4 / PRACTICE

COMPARING DECIMALS

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. Can adding a zero at the END of the fractional digits change a decimal? What if the zero is inserted just after the point?

My answer / conclusion: _____