



GRADE 4 / WATCH MR DJ SOLVE

TENTHS, HUNDREDTHS AND DECIMAL NOTATION

Start with the same example used in the lesson slides.

**WATCH MR DJ SOLVE****Write $\frac{3}{10}$ as hundredths and a decimal. Show a same-whole model.**

- 1 One tenth is ten hundredths.
- 2 The number of hundredths is 30.
- 3 Write 0.30 with the hundredths place visible.

Answer: $\frac{30}{100} = 0.30$ **REMEMBER** One tenth is ten hundredths; equivalent units connect fractions and decimal notation.

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

TENTHS, HUNDREDTHS AND DECIMAL NOTATION

Read a complete example before trying the matching method.



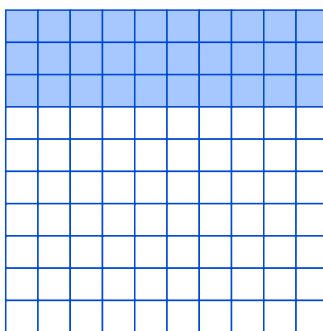
Use these examples as a reference. Keep each quantity and its unit visible. A different valid method is welcome unless a question specifically requests one.

Connect tenths and hundredths

$$3/10 = 30/100 = 0.30$$

1. Divide each tenth into ten equal pieces.
2. Three tenths contain thirty hundredths.
3. The decimal 0.30 names the same amount as 0.3.

$$3/10 = 30/100$$



$$30/100 = 0.30$$

**GRADE 4 / WORKED METHODS****TENTHS, HUNDREDTHS AND DECIMAL NOTATION**

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.

Add using a shared unit

$$3/10 + 14/100 = 44/100 = 0.44$$

1. Rename $3/10$ as $30/100$.
2. 30 hundredths + 14 hundredths = 44 hundredths.
3. Write $44/100 = 0.44$.



Date _____

TENTHS, HUNDREDTHS AND DECIMAL NOTATION

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

1. Write $\frac{7}{100}$ as hundredths and a decimal. Show a same-whole model.

Mild 2. Write $12/10$ as hundredths and a decimal. Show a same-whole model.

Tenths, hundredths and decimal notation / practice · page 4



GRADE 4 / PRACTICE

TENTHS, HUNDREDTHS AND DECIMAL NOTATION

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. Find $\frac{3}{10} + \frac{14}{100}$. Give a fraction with denominator 100 and a decimal.

Grid area for working out question 3.

My answer / conclusion: _____

Medium

4. Write 1.06 as a mixed number and in expanded form. Explain the zero.

Grid area for working out question 4.

My answer / conclusion: _____



GRADE 4 / PRACTICE

TENTHS, HUNDREDTHS AND DECIMAL NOTATION

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. Locate 0.7 and 0.70 on the same 0-to-1 number line. Explain their relationship.

Grid area for question 5.

My answer / conclusion: _____

🔊🔊🔊 Spicy

6. Digit says 0.05 is five tenths. Use a place-value chart to explain the mistake.

Grid area for question 6.

My answer / conclusion: _____

GRADE 4 / PRACTICE

TENTHS, HUNDREDTHS AND DECIMAL NOTATION

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 every fraction $n/10$ equal to a fraction with denominator 100 and numerator between 35 and 65 inclusive. Use whole-number n .

My answer / conclusion: _____

GRADE 4 / PRACTICE

TENTHS, HUNDREDTHS AND DECIMAL NOTATION

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 a decimal with only tenths always be written with hundredths? Can every hundredth be written as a whole number of tenths?

My answer / conclusion: _____