

Y5 Decimals Thousandths

KS2 Y5 Maths · Follows the national curriculum

Name _____ Class _____ Date _____

1. Worked example

Write 0.71 fraction.

Step 1 · The last digit is in the hundredths column
use a denominator of 100

Step 2 · 7 tenths and 1 hundredth = 71 hundredths
 $71/100$

Answer: $0.71 = 71/100$

Check: $71 \div 100 = 0.71$ ✓

2. Now try one with the steps

Write 0.009 and 0.045

Step 1 · 9 in the thousandths column

Step 2 · 4 hundredths and 5 thousandths = 45 thousandths

Answer:

3. Practice

Have a go at each one. There is space underneath to work it out.

1. Write 0.3 fraction.

2. Write 0.59 fraction.

3. Write 0.07 fraction.

4. Write 0.004 fraction.

5. Write 0.283 fraction.

6. Write 9/10 decimal.

7. Write 36/100 decimal.

8. Write 52/1000 decimal.

9. What is the value of the 6 in 4.326?

10. How many thousandths are in 0.1?

11. Write 3.45 mixed number.

12. Write 1 7/1000 decimal.

13. Which is the odd one out: 0.5, 5/10, 50/100, 5/100?

14. Partition 0.618 into tenths, hundredths and thousandths.

4. Before you hand it in

Writing 0.07 as 7/10.

The 7 is in the hundredths column, so $0.07 = 7/100$.

Writing 52/1000 as 0.52.

Thousandths need three decimal places: 52 thousandths = 0.052.

Thinking 0.283 is 'two hundred and eighty-three'.

Read it as 'nought point two eight three'. It is 283 thousandths, which is less than 1.

Thinking thousandths are bigger than hundredths because 1,000 is bigger than 100.

Split a hundredth into 10 equal parts to get thousandths. Each thousandth is smaller.