

Y4 Decimal Equivalents

KS2 Y4 Maths · Follows the national curriculum

Name _____ Class _____ Date _____

1. Worked example

Write $4/10$ decimal.

Step 1 · Tenths go in the first place after the decimal point

0 ones . 4 tenths

Answer: $4/10 = 0.4$

Check: Say it: 'nought point four' means 4 tenths ✓

2. Now try one with the steps

Write $63/100$ decimal.

Step 1 · 63 hundredths = 6 tenths and 3 hundredths

Step 2 · Put the digits in the chart

Answer:

3. Practice

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

1. Write $3/10$ decimal.

2. Write $9/10$ decimal.

3. Write 0.7 fraction.

4. Write $47/100$ decimal.

5. Write 0.21 fraction.

6. Write $\frac{1}{2}$ decimal.

7. Write $\frac{1}{4}$ decimal.

8. Write $\frac{3}{4}$ decimal.

9. Write $\frac{8}{100}$ decimal.

10. Write 0.04 fraction.

11. Write 2 and $\frac{35}{100}$ decimal.

12. How many hundredths are in 0.6?

13. What is the value of the 9 in 4.29? Write it fraction.

14. Which is the odd one out: 0.5, $\frac{1}{2}$, $\frac{5}{10}$, 0.05?

4. Before you hand it in

Writing $\frac{5}{100}$ as 0.5.

5 hundredths has no tenths, so write a 0 first: 0.05.

Writing $\frac{1}{4}$ as 0.4 (or 1.4).

$\frac{1}{4}$ is 25 hundredths: 0.25. A decimal is not the numerator and denominator side by side.

Reading 0.63 as 'nought point sixty-three' and thinking it has 63 tenths.

0.63 is 6 tenths and 3 hundredths, which is 63 hundredths. Say it as 'nought point six three'.

Writing 0.7 as $\frac{7}{100}$.

The first place after the point is tenths: $0.7 = \frac{7}{10}$.