

Y4 Hundredths

KS2 Y4 Maths · Follows the national curriculum

Name _____ Class _____ Date _____

1. Worked example

A square is split into 100 equal parts. 23 are shaded. What fraction is shaded?

Step 1 · There are 100 equal parts

The denominator is 100

Step 2 · 23 parts are shaded

The numerator is 23

Answer: 23/100 is shaded

Check: 77/100 is not shaded, and $23 + 77 = 100$ ✓

2. Now try one with the steps

Count on in hundredths from 96/100.

Step 1 · Add 1/100 each time

Step 2 · 100 hundredths is a whole

Answer:

3. Practice

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

1. A whole is split into 100 equal parts. What is one part called?

2. 45 out of 100 equal squares are shaded. What fraction is shaded?

3. Count on in hundredths: 12/100, 13/100, 14/100, ___. What comes next?

4. Count back in hundredths: 50/100, 49/100, 48/100, ___. What comes next?

5. How many hundredths make one whole?

6. How many hundredths are equal to one tenth?

7. Fill the gap: $64/100 + \square/100 = 1$

8. Write $7/10$

9. Count on in hundredths: $97/100$, $98/100$, $99/100$, __. What comes next?

10. What is $9 \div 100$? Write your answer fraction.

11. What is $1/10 \div 10$?

12. $58/100 = 5$ tenths and how many hundredths?

13. Count on in tenths from $34/100$: $34/100$, $44/100$, $54/100$, __. What comes next?

14. A 1 m ribbon is cut into 100 equal pieces. Tia takes 26 pieces. What fraction of the ribbon is left?

4. Before you hand it in

Thinking $1/100$ is bigger than $1/10$ because 100 is bigger than 10.

Cut a strip into 10 and another into 100. One hundredth is much smaller: 10 hundredths fit into 1 tenth.

Counting $98/100$, $99/100$, $100/100$, $101/100$ without noticing the whole.

When you reach 100 hundredths, say "one whole".

Saying $3/10 = 3/100$.

3 tenths = 3 columns of 10 squares = 30 hundredths.

Counting in tenths as $34/100$, $35/100$, $36/100$.

One tenth is 10 hundredths, so add 10: $34/100$, $44/100$, $54/100$.