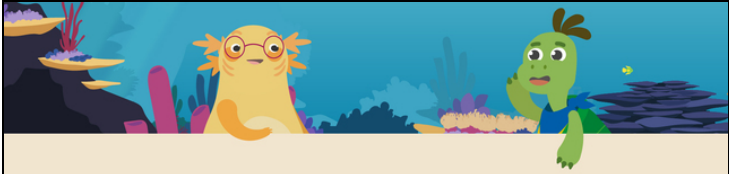


Worksheets to print out from [sofatutor.com](https://www.sofatutor.com)

# Converting Decimals and Fractions



| Ones | . | Tenths | Hundredths |
|------|---|--------|------------|
| 0    | . | 3      | 5          |

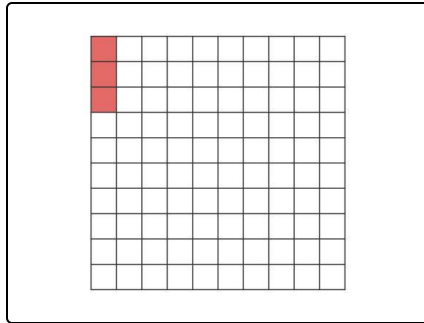
- 1 Find the fraction to match.
- 2 What is the equivalent fraction?
- 3 How do we write fractions as decimals?
- 4 Representing numbers.
- 5 Order the fractions and decimals.
- 6 Converting fractions to decimals.
- + with many hints, answer keys, and solution approaches for all tasks



The complete package, including all tasks, hints, solutions, and solution approaches, is available to all subscribers of [sofatutor.com](https://www.sofatutor.com)

## Find the fraction to match.

Select the fraction that equals the decimal shown.



Which fraction is equivalent to **0.03**?

☐

$$\frac{3}{10}$$

A

☐

$$\frac{3}{100}$$

B

☐

$$\frac{10}{3}$$

C

☐

$$\frac{03}{30}$$

D

## Our hints for the tasks

1  
from 6

### Find the fraction to match.

#### 1. Hint

| Ones | . | Tenths | Hundredths |
|------|---|--------|------------|
| 0    | . | 0      | 3          |

When we write 0.03 onto a place value grid, how many hundredths are there?

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#### 2. Hint

Can you find a fraction that has 100 as the *denominator*?

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## Solutions and solution approaches for the tasks



### Find the fraction to match.

**Answer key:** B

$0.03 = \frac{3}{100}$ . When we write the decimal onto a place value grid we can see that there are zero ones, zero tenths and three hundredths.