

15.04.2021

L.O: To divide decimals by 10, 100 and 1000.

Thousands	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths

I do



140.1 divided by one thousand is 0.141.

Do you agree with her? Explain your reasoning!

[illegible]

Thousands	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths

We do



34.01 divided by 100 is
3401

Do you agree with her? Explain your reasoning!

1 10 100 1,000 10,000 100,000 1,000,000

$\frac{1}{10}$ $\frac{1}{100}$ $\frac{1}{1000}$ 0.1 0.01 0.001

Base ten blocks diagram showing a large cube (1,000,000), a medium cube (1,000), a rod (100), a unit (10), and a flat (1).

Thousands	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths

I do

 $2.563 \div 10$

$25.63 \div 100$

$25.63 \div 10$

$$256.3 \div 1,000$$

Convince me.

The number line shows the following values from left to right:

- 1 (green circle)
- 10 (yellow circle)
- 100 (red circle)
- 1,000 (blue circle)
- 10,000 (light green circle)
- 100,000 (pink circle)
- 1,000,000 (green circle)
- $\frac{1}{10}$ (purple circle)
- $\frac{1}{100}$ (pink circle)
- $\frac{1}{1000}$ (black circle)
- 0.1 (yellow circle)
- 0.01 (dark blue circle)
- 0.001 (orange circle)
- (empty red circle)

The base ten block diagram shows:

- A large cube representing 1,000,000 (1000 units on each edge).
- A medium cube representing 1,000 (10 units on each edge).
- A vertical rod representing 100 (10 units high).
- A small cube representing 1 (1 unit on each edge).
- A flat rectangle representing 100 (10 units by 10 units).

Thousands	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths

We do



Diagram showing four boxes with division problems:

- Top Left: $123.5 \div 10$
- Top Right: $1235 \div 100$
- Bottom Left: $12350 \div 1000$
- Bottom Right: $123.5 \div 1000$

Convince me.

The number line shows the following values from left to right:

- 1 (green circle)
- 10 (yellow circle)
- 100 (red circle)
- 1,000 (blue circle)
- 10,000 (light green circle)
- 100,000 (pink circle)
- 1,000,000 (green circle)
- $\frac{1}{10}$ (purple circle)
- $\frac{1}{100}$ (pink circle)
- $\frac{1}{1000}$ (black circle)
- 0.1 (yellow circle)
- 0.01 (dark blue circle)
- 0.001 (orange circle)
- (Red circle)

The base ten block diagram shows:

- A large cube representing 1,000,000.
- A smaller cube representing 1,000.
- A vertical rod representing 100.
- A small cube representing 1.
- A 2x3 grid of squares representing 6.

