

Grade 4 - Tenths, Hundredths and Decimal Notation - Worksheet

Common Core 4.NF.C.5, 4.NF.C.6, 4.NF.C.7 · maths-pdf.fr/en/

Name: _____ Class: _____ Date: ____/____/____

This worksheet has 20 problems on tenths, hundredths and decimal notation. Problems use 100-square grids, number lines, money and comparisons of decimals to hundredths (Common Core 4.NF.C.5, 4.NF.C.6 and 4.NF.C.7).

Grade 4 · Common Core State Standards: **4.NF.C.5, 4.NF.C.6, 4.NF.C.7**

Exercise 1 - Tenth as a decimal

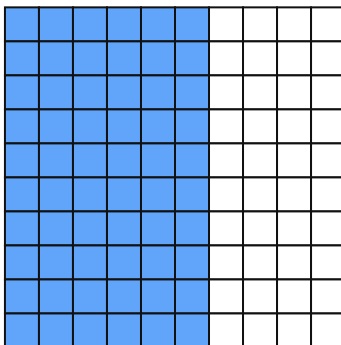
Write $\frac{3}{10}$ as a decimal.

Exercise 2 - Tenths to hundredths

Write $\frac{7}{10}$ as an equivalent fraction with denominator 100.

Exercise 3 - Shaded columns

Write the shaded part of the grid as a fraction with denominator 10, as a fraction with denominator 100 and as a decimal.



A grid with 6 columns shaded.

Exercise 4 - Hundredths as a decimal

Write $\frac{47}{100}$ as a decimal.

Exercise 5 - Decimal as a fraction

Write 0.08 as a fraction.

Exercise 6 - Half as hundredths

Write 0.5 as a fraction with denominator 10 and as a fraction with denominator 100.

Exercise 7 - Tenths plus hundredths

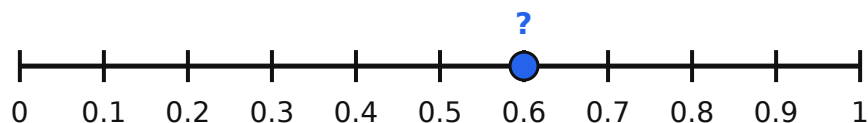
Add $\frac{3}{10} + \frac{4}{100}$. Write the sum as a fraction and a decimal.

Exercise 8 - Adding two fractions

Add $\frac{2}{10} + \frac{35}{100}$. Write the sum as a decimal.

Exercise 9 - Point on a number line

Write the decimal for the point on the number line.



A number line from 0 to 1.

Exercise 10 - Place value

In the number 4.75, name the place of the digit 7 and the place of the digit 5.

Exercise 11 - Compare 0.4 and 0.38

Compare 0.4 and 0.38 using $>$, $<$ or $=$.

Exercise 12 - Compare 0.57 and 0.6

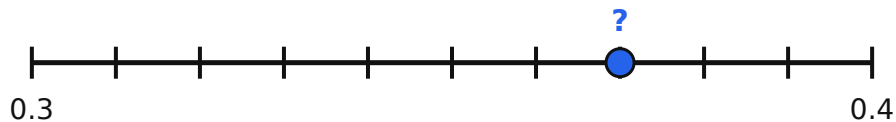
Compare 0.57 and 0.6 using $>$, $<$ or $=$.

Exercise 13 - Order decimals

Write these decimals from least to greatest: 0.5, 0.05, 0.55, 0.45.

Exercise 14 - Zoomed number line

The number line shows the numbers from 0.3 to 0.4. Each small mark is 0.01. Write the decimal for the point.



A number line from 0.3 to 0.4.

Exercise 15 - Dimes and pennies

Maya has 3 dimes and 4 pennies. Write her money as a fraction of a dollar and as a decimal in dollars.



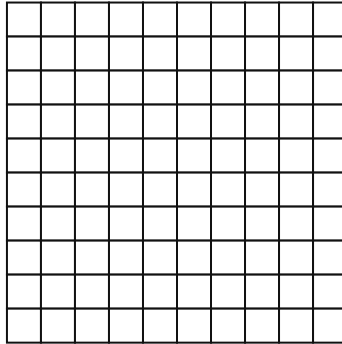
Maya's coins.

Exercise 16 - Rainy days

It rained 0.6 inch on Monday and 0.45 inch on Tuesday. Which day had more rain?

Exercise 17 - Garden plan

Sofia plants tomatoes in $\frac{4}{10}$ of her garden and peppers in $\frac{5}{100}$ of it. What fraction and what decimal of the garden has tomatoes or peppers? The grid shows the garden.



The garden as a 10 by 10 grid.

Exercise 18 - Notebook prices

Diego sees two notebooks. One costs \$2.40 and the other costs \$2.04. Which notebook costs less? Explain using hundredths.

Exercise 19 - Long jump

Mei jumped 4.2 feet in the long jump. Liam jumped 4.19 feet. Write 4.2 with hundredths. Who jumped farther?

Exercise 20 - School store change

At the school store, Noah buys a pencil for \$0.25 and an eraser for \$0.40. He pays with 7 dimes (\$0.70). How much does he spend, and how much change does he get?

Pencil	Eraser
☐ \$0.25	☐ \$0.40

Prices at the school store.