

Grade 4 - Tenths, Hundredths and Decimal Notation - Test

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

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

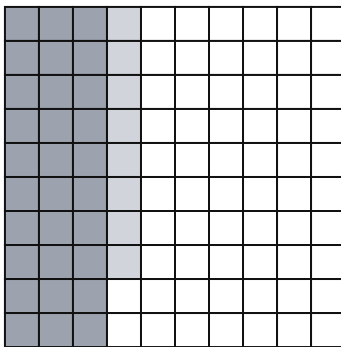
This test checks tenths, hundredths, decimal notation, number lines, comparing decimals and money. It has 9 questions worth 20 points. Allow 45 minutes and no calculator.

About this test

- Grade: Grade 4
- Chapter: Tenths, Hundredths and Decimal Notation
- Standards: 4.NF.C.5, 4.NF.C.6, 4.NF.C.7
- Time: 45 minutes
- Total: 20 points

Question 1 - Grid fractions [2 pts]

The grid has 100 equal squares.



A grid with some squares shaded.

Write the shaded part as a fraction with denominator 100 and as a decimal.

Question 2 - Fractions to decimals [2 pts]

Write each fraction as a decimal.

- a. $\frac{9}{10}$ (1 point)
b. $\frac{56}{100}$ (1 point)

Question 3 - Hundredths fractions [2 pts]

Write each as a fraction with denominator 100.

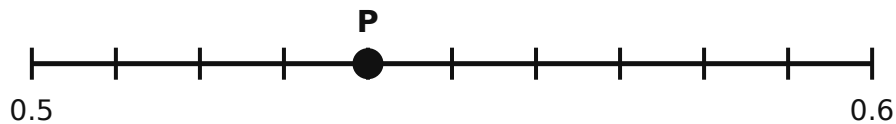
- a. 0.7 (1 point)
b. $\frac{3}{10}$ (1 point)

Question 4 - Add tenths and hundredths [2 pts]

Add $\frac{6}{10} + \frac{25}{100}$. Write the sum as a fraction and a decimal.

Question 5 - Zoomed number line [2 pts]

The number line shows 0.5 to 0.6. Each small mark is 0.01.



- a. Write the decimal for point P. (1 point)
b. Compare P with 0.5 using $>$, $<$ or $=$. (1 point)

Question 6 - Compare decimals [2 pts]

Write $>$, $<$ or $=$ to compare.

- a. 0.3 0.30 (1 point)
b. 0.09 0.1 (1 point)

Question 7 - Order and expand [3 pts]

- a. Write these decimals from least to greatest: 0.8, 0.08, 0.88, 0.7. (2 points)
b. Write 0.88 as a sum of two fractions, one with denominator 10 and one with denominator

100. (1 point)

Question 8 - School store [3 pts]

Priya buys a pencil and an eraser at the school store.

Pencil	Eraser
☐ \$0.35	☐ \$0.40

Prices at the school store.

- Write the price of the pencil as a fraction of a dollar. (1 point)
- How much do the pencil and eraser cost together? (1 point)
- Priya pays with \$1.00. How much change does she get? (1 point)

Question 9 - Liam's claim [2 pts]

Liam says 0.4 is less than 0.38 because 4 is less than 38. Is he correct? Explain.