

Decimal Fractions and Decimals: math test, Grade 4 – download the PDF

Suggested time: 45 minutes. Out of 20 points. Calculator allowed only when the problem says so.

1 Fractions and decimals

/ 4 pts

- Write $\frac{8}{10}$ as a decimal.
- Write $\frac{29}{100}$ as a decimal.
- Write $\frac{6}{100}$ as a decimal.
- Write 0.73 as a fraction.

2 Renaming and adding

/ 3 pts

- $\frac{7}{10} = \frac{?}{100}$
- $\frac{90}{100} = \frac{?}{10}$
- Add $\frac{5}{10} + \frac{8}{100}$ and write the answer as a decimal.

3 Comparing

/ 3 pts

Compare with $<$, $>$ or $=$.

- a. 0.58 and 0.6
- b. 0.30 and 0.3
- c. 1.07 and 1.7

4 Ordering

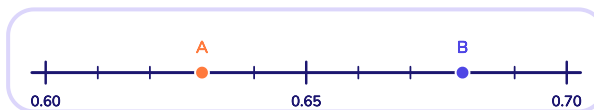
/ 3 pts

Write from least to greatest: 0.91, 0.19, 0.9, 1.01, 0.09.

5 Number line

/ 4 pts

The number line goes from 0.6 to 0.7 in ten equal steps.



- a. Write the decimal for A and for B.
- b. Write each of them as a fraction with denominator 100.
- c. Which point is closer to 0.7?

6 Money

/ 3 pts

Lena buys a notebook for \$1.45 and a pen for \$0.80. She pays with a \$5 bill. Find the total cost and the change. A calculator is not allowed.



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