

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

Test solutions with the detailed point scale. Add up your points and spot what to review.

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

1 Fractions and decimals

/ 4 pts

- a. 0.8 (1 pt)
- b. 0.29 (1 pt)
- c. 0.06 (1 pt)
- d. $\frac{73}{100}$ (1 pt)

2 Renaming and adding

/ 3 pts

- a. $\frac{70}{100}$ (1 pt)
- b. $\frac{9}{10}$ (1 pt)
- c. $\frac{50}{100} + \frac{8}{100} = \frac{58}{100} = 0.58$ (1 pt)

3 Comparing

/ 3 pts

- a. $0.6 = 0.60$, so $0.58 < 0.6$. (1 pt)
- b. $0.30 = 0.3$. (1 pt)
- c. 7 hundredths in the first place is less: $1.07 < 1.7$. (1 pt)

4 Ordering

/ 3 pts

In hundredths: 0.91, 0.19, 0.90, 1.01, 0.09. (1 pt for the method)

Order: $0.09 < 0.19 < 0.9 < 0.91 < 1.01$. (2 pts, minus 1 pt per misplaced number)

5 Number line

/ 4 pts

- a. $A = 0.63$ and $B = 0.68$. (2 pts)
- b. $\frac{63}{100}$ and $\frac{68}{100}$. (1 pt)
- c. B is 2 steps from 0.7 and A is 7 steps from 0.7, so B is closer. (1 pt)

6 Money

/ 3 pts

Total: $1.45 + 0.80 = 2.25$ dollars. (2 pts)

Change: $5.00 - 2.25 = 2.75$ dollars. (1 pt)



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