

Grade 5 - Reading, Comparing and Rounding Decimals - Test

Common Core 5.NBT.A.3, 5.NBT.A.4 · maths-pdf.fr/en/

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

This test covers reading, comparing and rounding decimals to the thousandths for Grade 5 (5.NBT.A.3 and 5.NBT.A.4). It has 9 questions worth 20 points. You have 45 minutes. Show the zeros you add when you compare. Calculators are not allowed.

About this test

- Grade: Grade 5
- Chapter: Reading, Comparing and Rounding Decimals
- Standards: 5.NBT.A.3, 5.NBT.A.4
- Time: 45 minutes
- Total: 20 points

Question 1 - Write in words [2 pts]

Write each decimal in word form.

- a. 0.075 (1 point)
- b. 12.04 (1 point)

Question 2 - Write as decimals [2 pts]

Write each number in standard form.

- a. six and nine hundredths (1 point)
- b. two hundred five thousandths (1 point)

Question 3 - Expanded form [2 pts]

Write 4.372 in expanded form using fractions.

Question 4 - Value of a digit [2 pts]

Use the chart showing 3.256 and 9.401.

Tens	Ones		Tenths	Hundredths	Thousandths
	3	.	2	5	6

The number 3.256.

- a. Write the value of the 5 in 3.256. (1 point)
- b. Write the value of the 1 in 9.401. (1 point)

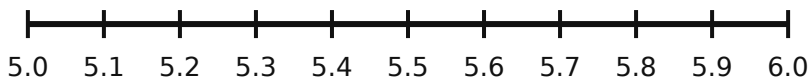
Question 5 - Compare decimals [3 pts]

Write $<$, $>$ or $=$ in each blank.

- a. $0.7 ? 0.07$ (1 point)
- b. $3.405 ? 3.45$ (1 point)
- c. $8.60 ? 8.6$ (1 point)

Question 6 - Order decimals [2 pts]

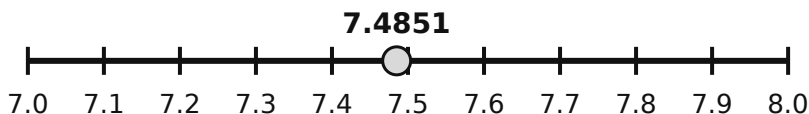
Order from greatest to least: 5.09, 5.9, 5.095, 5.19.



A number line from 5 to 6.

Question 7 - Round 7.4851 [3 pts]

Round 7.4851 to each place.

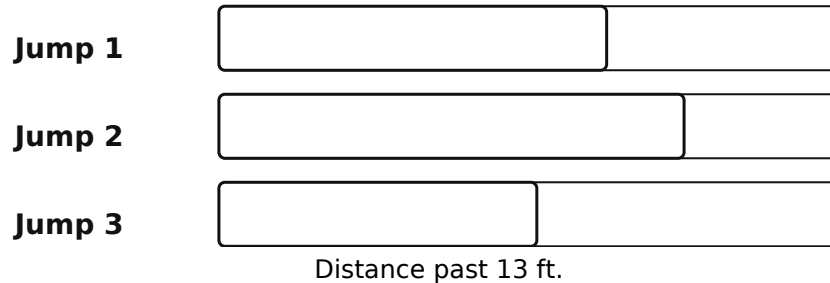


Where 7.4851 sits.

- a. nearest whole number (1 point)
- b. nearest tenth (1 point)
- c. nearest hundredth (1 point)

Question 8 - Long jump [3 pts]

Noah's long jump distances were 13.25 ft, 13.3 ft and 13.205 ft.



- a. Which jump was the longest? (1 point)
- b. List the distances from shortest to longest. (1 point)
- c. Round the shortest distance to the nearest tenth of a foot. (1 point)

Question 9 - Priya's rounding [1 pt]

Priya rounds 3.46 to the nearest whole number and writes 4. Is she correct? Explain.