



# Comparing and Ordering Decimals

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Grade: Grade 5

## Part A: Fill in the Blank

Write the missing word or number on each line.

- On a number line from 0 to 1 marked every 0.1, the point at the third tick to the right of 0 represents \_\_\_\_\_.
- On a number line from 2 to 3 marked every 0.05, the point at 2.25 is \_\_\_\_\_ ticks past 2.
- Between 0.4 and 0.5 on a number line, the midpoint is \_\_\_\_\_.
- On a number line from 1 to 2 with marks every 0.1, the point that matches 1.7 is the \_\_\_\_\_ mark from 1.
- Between 0.6 and 0.7 on a number line marked in hundredths, the value 0.63 is \_\_\_\_\_ ticks past 0.6.
- Mark which decimal is closest to 0.5 from this list: 0.45, 0.55, 0.5, 0.49 — answer \_\_\_\_\_.
- On a number line marked 0 to 1, what decimal is at the halfway point? \_\_\_\_\_
- What decimal is plotted at three-fourths of the distance between 0 and 1? \_\_\_\_\_
- A point on a number line lies between 0.6 and 0.7, exactly halfway. The point is \_\_\_\_\_.

## Part B: Matching

Match each item on the left to the correct answer on the right.

- Match each item to its correct answer.

Point A:  
third tenth  
past 0

→ \_\_\_\_\_

0.3

Point B:  
midpoint of  
0.2 and 0.4

→ \_\_\_\_\_

0.3 plus zero  
— wait,  
equals 0.3?  
No: equals  
0.30 padded  
— actually

## Answer Key · Comparing and Ordering Decimals · Grade: Grade 5

### Part A: Fill in the Blank

Write the missing word or number on each line.

1. On a number line from 0 to 1 marked every 0.1, the point at the third tick to the right of 0 represents 0.3.
2. On a number line from 2 to 3 marked every 0.05, the point at 2.25 is 5 ticks past 2.
3. Between 0.4 and 0.5 on a number line, the midpoint is 0.45.
4. On a number line from 1 to 2 with marks every 0.1, the point that matches 1.7 is the 7th mark from 1.
5. Between 0.6 and 0.7 on a number line marked in hundredths, the value 0.63 is 3 ticks past 0.6.
6. Mark which decimal is closest to 0.5 from this list: 0.45, 0.55, 0.5, 0.49 — answer 0.5.
7. On a number line marked 0 to 1, what decimal is at the halfway point? 0.5
8. What decimal is plotted at three-fourths of the distance between 0 and 1? 0.75
9. A point on a number line lies between 0.6 and 0.7, exactly halfway. The point is 0.65.

### Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

Point A: third tenth past 0	→ <u>0.3</u>	0.3
Point B: midpoint of 0.2 and 0.4	→ <u>0.3 plus zero — wait, equals 0.3? No: equals 0.30 padded — actually 0.30 differs</u>	0.3 plus zero — wait, equals 0.3? No: equals