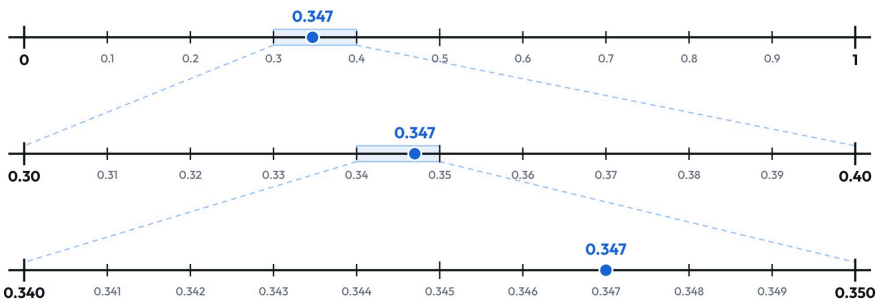
Name _____ Date _____

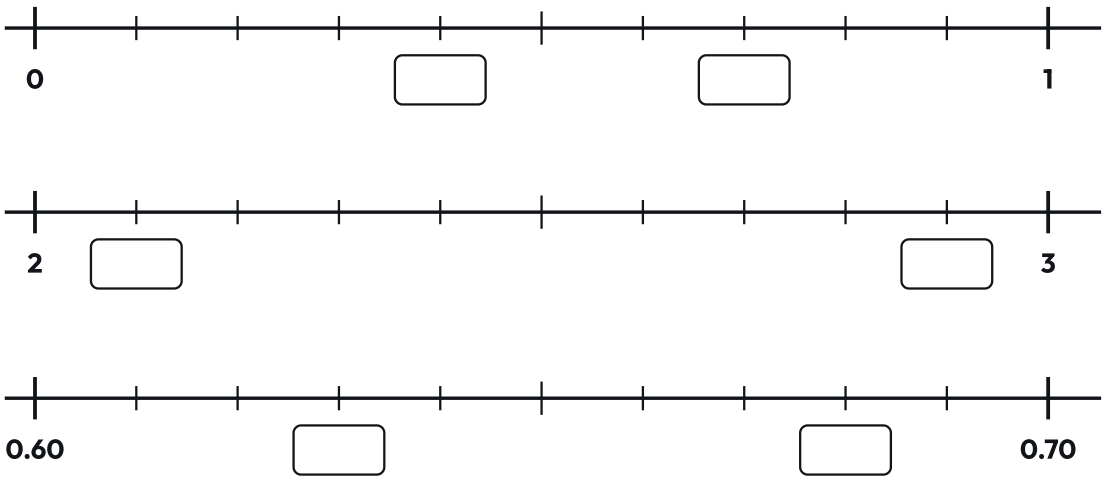
Decimals on the Number Line

Example



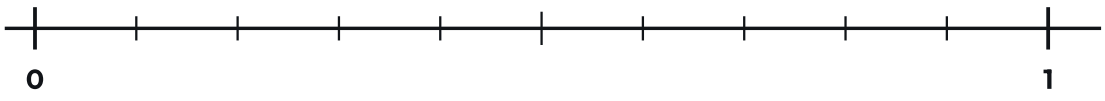
Split 0 to 1 into 10 parts: tenths. Split 0.3 to 0.4 into 10 again: hundredths. Then split 0.34 to 0.35: thousandths. That is how we find 0.347.

1 ON YOUR OWN Write the numbers in the boxes.

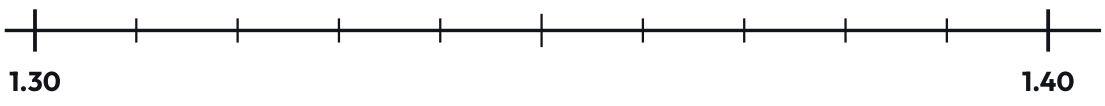


2 ON YOUR OWN Mark each number with a dot and write the letter above it.

$A = 0.2$ $B = 0.75$ $C = 0.9$



$D = 1.35$ $E = 1.31$ $F = 1.38$

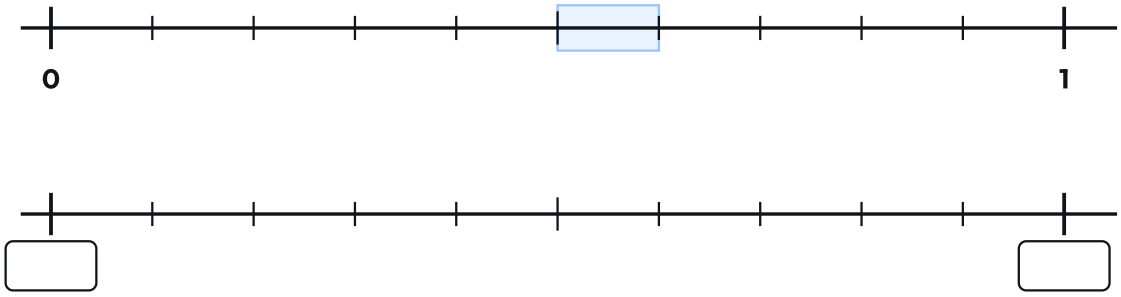


Names (pair) _____ Date _____

Remember

We can zoom in on any part of the line 10 times: between two neighbouring tenths there are 10 hundredths, and between two neighbouring hundredths 10 thousandths. So between two different decimals there are always more decimals.

3 IN PAIRS On the first line the part from 0.5 to 0.6 is highlighted. Write the numbers at the ends of the second line and mark 0.52 and 0.57.



4 IN PAIRS Which number is exactly halfway?

between 0.4 and 0.5: ☐ between 2 and 2.1: ☐

between 0.7 and 0.8: ☐ between 1.23 and 1.24: ☐

5 IN PAIRS Ana says: "There are no numbers between 0.3 and 0.4." Is she right? Write three numbers or explain.

_____

_____

The Decimal Zoom app · otooly.com/decimal-zoom

In **Place a number** mode type a number with three decimal places and watch the lines zoom in. Click a line to move the point.

★ ON YOUR OWN **Exit card.** Write three numbers between 2.4 and 2.5.

_____