

1

Name	Time (seconds)
Nick	39.82
Felix	40.09
Adam	40.13
Gabs	39.56

The table shows the times of some children in a 200 metre race.

a) Who **won** the race?

b) Who was **third**?

c) Marcus ran in a different 200 m race. He looked at his time and said, "If I had been in your race I would have finished **fourth** out of five".

Write what his time could have been.

2

Write these numbers in order, starting with the smallest.

7.01

7.008

7.018

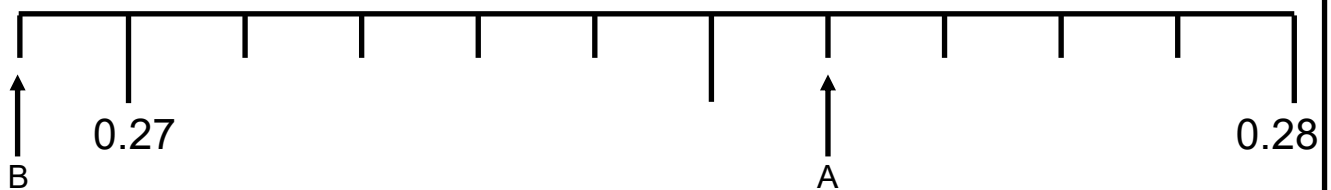
7.808

7.81

smallest

3

Here is part of a number line.



Write the value of A and B.

A =

B =

4

Underline the number closest in value to 3.7

3.8

3.75

3.697

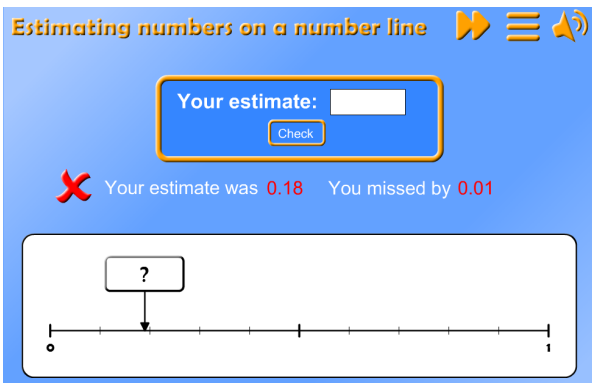
3.704

3.68

5

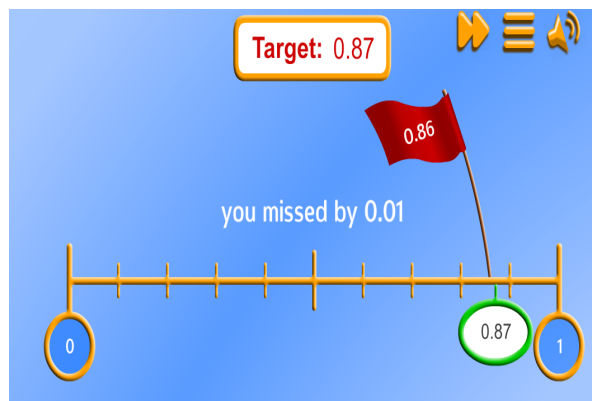
Write a number that is **more than 10.04** and **less than 10.05**

Useful interactive games to teach the skills needed to recognise and use decimal place value



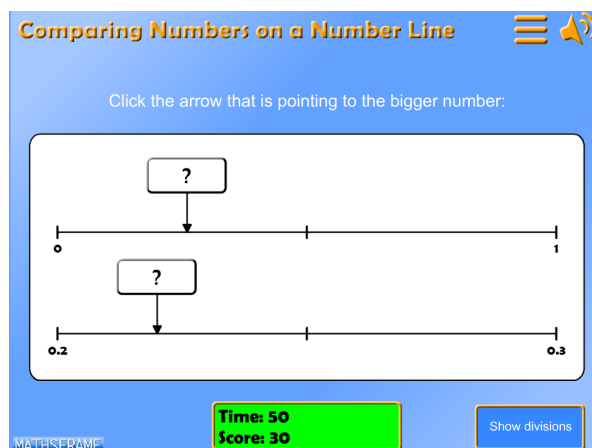
http://mathsframe.co.uk/en/resources/resource/265/Estimate_Number_Line

Estimate the number on a number line and then adjust your estimate when you find out how much you missed by. A great game to teach place value as well as calculating with decimal numbers. I play this game as a whole class warm-up. The children have to write on their whiteboards their estimates and then calculate the correct number when the error is given



http://mathsframe.co.uk/en/resources/resource/37/placing_numbers_on_a_number_line

Drag the arrow to the correct position on the number line. Play against the clock for points. Lots of choice of level. This game is also available as an iPad app.



http://mathsframe.co.uk/en/resources/resource/266/Compare_Numbers_on_a_Number_Line

Click on the arrow that is pointing to the bigger number. The number lines use different scales so it encourages children to think about the value of varying scales. Click on 'show divisions' to begin with and then discuss the value of each of the divisions.

There are many more games that help develop an understanding of decimals here: http://mathsframe.co.uk/en/resources/category/18/fractions_decimals_and_percentages

Answers: 1) a) Gabs b) Felix c) 40.1 or 40.11 or 40.12

2) 7.008, 7.01, 7.018, 7.808, 7.81

3) A = 0.269 B = 0.276

4) any number between 10.04 and 10.05 eg 10.041...10.049