

Order & Compare Decimals

To compare the size of two numbers, we need to start by looking at the digits in the **column with the greatest value**.

Which number is **greatest** in each pair?



2.63 7.85 → 7 ones > 2 ones So **7.85 > 2.63**

Here, both numbers have **no ones** and **4 tenths**, so we need to look at the **hundredths** column.

0.498 0.463 → 9 hundredths > 6 hundredths So **0.498 > 0.463**

1. Compare these numbers, using **>** or **<**.



a) 4.73 3.19

b) 1.83 1.94

c) 0.584 0.592

d) 3.724 3.721

2. Put these numbers in **ascending order (smallest to largest)**.

a) 0.234 0.508 0.129 0.465

b) 1.493 1.476 1.482 1.434

c) 2.167 0.584 0.325 2.103

d) 0.951 0.591 5.901 5.091

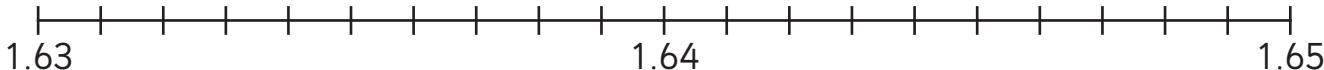
3. Draw arrows to show the position of these numbers on the number line.

1.641

1.637

1.649

1.632



Now write the numbers in **descending order (greatest first)**:



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Answers

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1. Compare these numbers, using **>** or **<**.



a) 4.73 **>** 3.19

b) 1.83 **<** 1.94

c) 0.584 **<** 0.592

d) 3.724 **>** 3.721

2. Put these numbers in **ascending order** (**smallest to largest**).

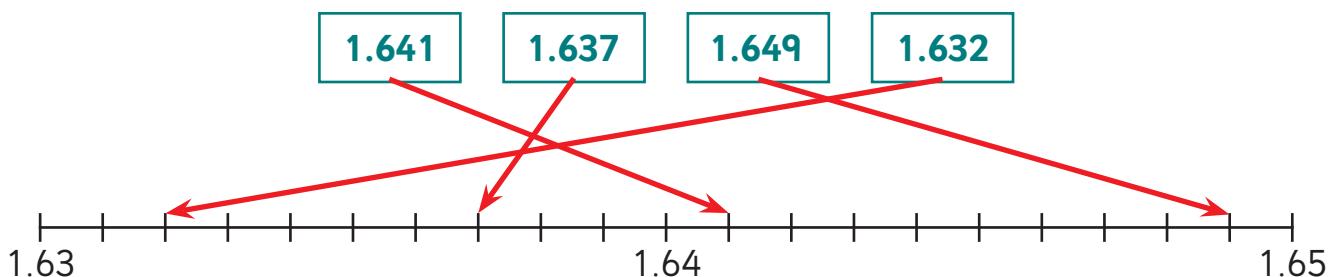
a) 0.234 0.508 0.129 0.465 **0.129** **0.234** **0.465** **0.508**

b) 1.493 1.476 1.482 1.434 **1.434** **1.476** **1.482** **1.493**

c) 2.167 0.584 0.325 2.103 **0.325** **0.584** **2.103** **2.167**

d) 0.951 0.591 5.901 5.091 **0.591** **0.951** **5.091** **5.901**

3. Draw arrows to show the position of these numbers on the number line.



Now write the numbers in **descending order** (**greatest first**):

1.649 1.641 1.637 1.632

