

Ordering a set of decimals

WHAT THIS LESSON TEACHES

To compare two decimals, line up the place values and **read each digit from left to right**. The first digit that differs decides which is bigger.

→ **5.83** vs **5.79**: units the same; tenths $8 > 7$, so $5.83 > 5.79$.

→ **0.4** vs **0.40**: same value (the trailing zero adds no quantity).

ANSWER KEY

a) Order: ****0.05 < 0.4 < 0.45 < 0.5 < 0.55****.

Q2: 82.98

b) Tip: line up the decimal points, then compare digit by digit from the left.

Q3: 2.88 < 4.03 < 7.02 < 7.13

Q4: 6.26 < 6.89 < 7.753 < 9.4

Q1: €8.40 (€8.04 = 804 cent; €8.40 = 840 cent)

EXTENSION SHEET · STRETCH ANSWERS

S1: 2.963 < 4.8 < 5.83 < 8.404

S4: 4.8 < 7.32 < 9.84

S2: 4.88 < 6.89 < 9.4

S5: 1.83 < 4.03 < 7.02

S3: 7.15 < 9.44 < 9.66