

Decimals on a number line

WHAT THIS LESSON TEACHES

A decimal number sits **between** two whole numbers on a number line. The tenths divide each whole into ten equal parts.

→ **0.4** is just under halfway between 0 and 1.

→ **1.7** sits seven-tenths of the way from 1 to 2.

ANSWER KEY

a) A: 3rd minor tick after 0.

b) B: 7th minor tick after 0.

c) C: midway between the 4th and 5th minor ticks.

d) D: midway between the 8th and 9th minor ticks.

Q1: $1.83 < 4.03 < 7.02$

Q2: $4.88 < 6.89 < 9.4$

Q3: $6.26 < 6.89 < 7.753 < 9.4$

Q4: between 4 and 5, closer to 4

EXTENSION SHEET · STRETCH ANSWERS

S1: $2.88 < 4.03 < 7.02 < 7.13$

S2: between 3 and 4, closer to 3

S3: $2.963 < 4.8 < 5.83 < 8.404$

S4: between 3 and 4, closer to 3

S5: $8.32 = 8 + 0.3 + 0.02$