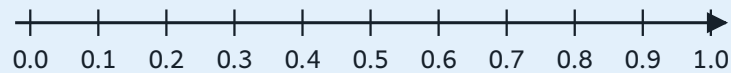


Decimals on the number line to thousandths

WHAT THIS LESSON TEACHES

Any decimal has a spot on the number line. **Zoom in** by splitting each interval into ten to place tenths, hundredths and thousandths.



→ 0.62 sits between 0.6 and 0.7, two tenths-of-a-tenth past 0.6.

→ 0.305 sits just past the middle between 0.30 and 0.31.

ANSWER KEY

Warm-up: a) 3 (tenths digit of 1.3) b) 9 (tenths digit of 2.9) c) 9 (tenths digit of 6.9) d) 9 (tenths digit of 2.9)

Q1: $4.8 < 7.32 < 9.84$

Q3: $2.963 < 4.8 < 5.83 < 8.404$

Q2: $4.88 < 6.89 < 9.4$

Q4: between 3 and 4, closer to 3

EXTENSION SHEET · STRETCH ANSWERS

S1: between 3 and 4, closer to 3

S4: between 4 and 5, closer to 4

S2: $6.26 < 6.89 < 7.753 < 9.4$

S5: $7.15 < 9.44 < 9.66$

S3: $2.88 < 4.03 < 7.02 < 7.13$