

Lesson 5 **NUMBER**

Rounding decimals to nearest whole, tenth and hundredth

WHAT THIS LESSON TEACHES

To round a decimal look at the two nearest tidy numbers and pick the one it sits closer to on the line.

→ 7 is closer to 5 than to 4 so rounds to 5.

→ 34 to the nearest tenth sits between 0.3 and 0.4.

MODEL THIS ON THE BOARD

ROUNDING 1.275 TO NEAREST HUNDREDTH

- 1 Look at the thousandths digit which is 5.
- 2 The hundredths digit is 7 so the two candidates are 1.27 and 1.28.
- 3 Because the digit is 5 we round up to 1.28.

ANSWER KEY

Scaffold: visual check on the page

Q1: €5

Q2: 0.7 kg

Q3: €3

Q4: 10.0 kg

Q5: €1.28

Q6: 0.6 kg

a) Always — It is closer to 3 than to 4.

b) Always — The deciding digit 8 means round up.

c) Never — It rounds up to 1.28.

d) Always — It is closer to 10.0 than to 9.9.

EXTENSION SHEET · STRETCH ANSWERS

S1: 19.52

S2: 76.27

S3: 19.19

S4: 24

S5: 24.4