

Rounding decimals to the nearest whole, tenth, hundredth

WHAT THIS LESSON TEACHES

To round a decimal, look at the digit just to the right of the place you're rounding to. If it is **5 or more, round up**. If it is **less than 5, round down**.

→ **4.78** to the nearest tenth → 4.8 (the 8 is 5 or more).

→ **4.74** to the nearest tenth → 4.7 (the 4 is less than 5).

ANSWER KEY

a) 5 (nearest whole — $0.7 \geq 0.5$).

Q1: 95.3

b) 5 (nearest whole — $0.3 < 0.5$).

Q2: 74.9

c) 4 to the nearest whole ($0.45 < 0.5$); 4.5 to the nearest tenth (next digit is 5 — round up).

Q3: 76.27

Q4: 19.52

d) 6 (nearest whole — $0.85 \geq 0.5$).

EXTENSION SHEET · STRETCH ANSWERS

S1: 19.19

S3: 24.4

S2: 24