

Rounding to the nearest 10

WHAT THIS LESSON TEACHES

To round a number to the nearest 10, find the two tens it sits between and choose the closer one. If it ends in 5, it sits halfway, so we round up.

→ 67 is between 60 and 70, and nearer 70, so 67 rounds to 70.

→ 43 is between 40 and 50, and nearer 40, so 43 rounds to 40.

MODEL THIS ON THE BOARD

ROUNDING TO THE NEAREST 10

- ① 52 sits between **50** and **60**.
- ② The units digit is **2**, which is less than 5, so 52 is nearer **50**.
- ③ So 52 rounds down to **50**.



DISCUSSION STARTER

REFLECT When you round, do you picture a number line or check the digits? Which suits you better?

ANSWER KEY

b) 38: 30 and 40; 46: 40 and 50; 55: 50 and 60

c) 40; 50; 60

Q1: 40 cent

Q2: 70

Q3: 50

Q4: 60

Q5: 90

a) **Always** — Lesson rule: a number ending in 5 is halfway so always rounds up.

b) **Sometimes** — True when rounding up (e.g. 67→70) but false when rounding down (e.g. 43→40).

c) **Always** — 55 ends in 5 so the lesson rule rounds it up to 60.

d) **Always** — 38 sits between 30 and 40; units digit $8 \geq 5$ so nearer 40.

EXTENSION SHEET · STRETCH ANSWERS

S1: 9000

S2: 1000

S3: 3,000 (3 thousands)

S4: 4000

S5: 7000