

Rounding to the nearest 100

WHAT THIS LESSON TEACHES

To round a number to the nearest 100, find the two hundreds it sits between and choose the closer one. Look at the tens digit: if it is 5 or more, round up; if it is 4 or less, round down.

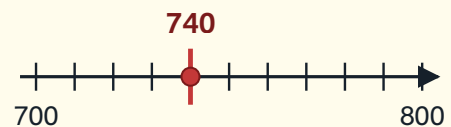
→ 340 rounds to 300, because 340 is nearer 300 than 400.

→ 480 rounds up to 500; and 650 rounds up to 700 because the tens digit is 5.

MODEL THIS ON THE BOARD

ROUND 740 TO THE NEAREST 100

- 1 740 sits between **700** and **800** on the line.
- 2 The tens digit is **4**, which is less than 5.
- 3 So round down to **700**.



DISCUSSION STARTER

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

ANSWER KEY

a) 300

b) 600

c) 800

Q1: 300

Q2: 500

Q3: 800

Q4: 2,700 bags

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: 8,321

S2: 3 (3 ones)

S3: $9,394 = 9,000 + 300 + 90 + 4$

S4: 5000

S5: 8000