

Rounding to the nearest 10

WHAT THIS LESSON TEACHES

Rounding to the nearest 10 means swapping a number for the closest ten so it is easier to work with or talk about. Look at the units digit: 5 or more rounds up, 4 or less rounds down.

→ 37 rounds to 40 because 37 sits closer to 40 than to 30 on the number line.

→ In 42 the units digit is 2 so it rounds down to 40; in 68 the units digit is 8 so it rounds up to 70.

MODEL THIS ON THE BOARD

ROUNDING A JAR OF 37 SWEETS

- 1 Find 37 on the number line between 30 and 40.
- 2 The units digit is **7**, which is 5 or more, so round up.
- 3 37 is closer to **40** than to 30.
- 4 So 37 rounds to 40.

DISCUSSION STARTER

REFLECT Which digit do you look at when rounding — and why does that digit decide?

ANSWER KEY

Scaffold: visual check on the page

Q1: 20

Q2: 50

Q3: 20 grapes

Q4: 50

Q5: 50

a) **Always** — Units of 5 or more always round up to the next ten.

b) **Always** — The halfway rule always sends a 5 up to the next ten.

c) **Always** — Units of 4 or less always round down.

d) **Sometimes** — Only numbers that already end in 0 stay the same.

EXTENSION SHEET · STRETCH ANSWERS

S1: 3000

S2: 700

S3: 300