

End-of-year review – number, measures and shape

WHAT THIS LESSON TEACHES

To sort cards into two groups, find the single yes-or-no test that decides which group each card belongs in. For each card, apply the same test: odd or even, shorter or longer than a metre, triangle or quadrilateral.

→ Test for odd/even: does the number split into two equal groups? 24 is even, 33 is odd.

→ Test for shape: three sides is a triangle, four sides is a quadrilateral.

MODEL THIS ON THE BOARD

IS 3400 ODD OR EVEN?

- 1 Look at the units digit of the number in the place-value mat.
- 2 The units digit is 0.
- 3 A number ending in 0 splits into two equal groups, so it is **even**.

Th	H	T	U
3	4	0	0

DISCUSSION STARTER

REFLECT Which topic from the year feels strongest now — number, measures or shape?

ANSWER KEY

a) 2500 even; 43 odd

b) 60 cm shorter; 2 m longer

c) 3-sided triangle; 4-sided quadrilateral

Q1: 3400, even

Q2: even

Q3: shorter

Q4: quadrilateral

Q5: longer

Q6: odd (with 33)

EXTENSION SHEET · STRETCH ANSWERS

S1: 29000 m

S2: 71000 m

S3: 4 (4 ones)

S4: $3,164 = 3,000 + 100 + 60 + 4$

S5: 310 mm