

Lesson 1 **NUMBER****Place value to 999 – re-anchor hundreds, tens and units**

WHAT THIS LESSON TEACHES

Where a digit sits tells you what it is worth. The same digit means a different amount in the hundreds column than in the tens or units column.

→ In 305 the 3 is worth three hundred, but in 530 the 3 is worth thirty.

→ In 408 the zero keeps the tens column empty, so the 4 is hundreds and the 8 is units.

MODEL THIS ON THE BOARD

BREAKING 247 INTO H, T, U

- ① In **247**, the **2** is in the hundreds column, so it is worth **200**.
- ② The **4** is in the tens column, so it is worth **40**.
- ③ The **7** is in the units column, so it is worth **7**.
- ④ So $247 = 200 + 40 + 7$.

H	T	U
2	4	7

ANSWER KEY

a) 186

b) 908

c) 531

Q1: 300

Q2: 80

Q3: $500 + 0 + 9$

Q4: 8 most (800); 3 least (3)

Q5: $600 + 50 + 0$

a) **Sometimes** — In 247 the 2 beats the 7, but in 305 the 3 is worth more than the 5 too, yet a 1 in hundreds beats a 9 in units — value depends on the digits, so it is not always true.

b) **Always** — Place always changes value, so a 3 is 300 in hundreds but only 3 in units.

c) **Always** — In 408 the zero holds the tens empty so 4 stays hundreds and 8 stays units.

d) **Always** — Every number from 100 to 999 fills all three columns.

EXTENSION SHEET · STRETCH ANSWERS

S1: 2 (2 ones)

S2: 900 (9 hundreds)

S3: 600 (6 hundreds)

S4: 6 (6 ones)

S5: 300 (3 hundreds)