

Lesson 26 **NUMBER****Dividing by a single digit – the bus-stop method**

WHAT THIS LESSON TEACHES

The **bus-stop method** is a written way to divide. Write the divisor outside the bus stop and the dividend inside. Divide each digit from left to right, carrying any remainder to the next column.

$$\begin{array}{r} 42 \\ 4 \overline{) 168} \end{array}$$

MODEL THIS ON THE BOARD

168 ÷ 4 (THE BUS-STOP METHOD)

$$\begin{array}{r} 42 \\ 4 \overline{) 168} \end{array}$$

- ① $1 \div 4 = 0$ with 1 left over — carry it to make 16.
- ② $16 \div 4 = 4$. $8 \div 4 = 2$. Answer: 42.

ANSWER KEY

Warm-up: a) 15 b) 37 c) 46 d) 49

Q1: 196

Q2: 150

Spot:

She missed the 0 in the tens column. $4 \div 4 = 1$, $0 \div 4 = 0$, $8 \div 4 = 2$, so the answer is 102.

EXTENSION SHEET · STRETCH ANSWERS

S1: 686.9

S2: 185

S3: 129