Lesson 19 Dividing by single-digit divisors with remainders

BUS STOP LAYOUT FOR 425 DIVIDED BY 3

1. Draw the bus-stop and write 3 outside and 425 inside.
2. Divide 4 by 3 to get 1 with remainder 1, write 1 above.
3. Bring down 2 to make 12, divide 12 by 3 to get 4.
4. Bring down 5 to make 5, divide 5 by 3 to get 1 with remainder 2.

WARM-UP

Use the blank bus-stop frames to work each division. Write the quotient on the roof and any remainder beside it.

8 ⟌ 5 0   7 ⟌ 8 2 3   5 ⟌ 6 3 8

1. Complete the frame for 50 ÷ 8
2. Complete the frame for 823 ÷ 7
3. Complete the frame for 638 ÷ 5

PRACTICE

1. **97** GAA players need buses that each hold **7** players so how many full buses and how many left over?
2. **483** hurleys are shared among **9** clubs so how many hurleys does each club get and what is left over?
3. **937** medals are given out to **7** teams so how many medals per team and how many remain?
4. **700** supporters want to travel in buses that hold **8** each so what is the quotient and remainder?

ALWAYS, SOMETIMES, NEVER

Always, sometimes or never true? Write A, S or N.

a. Dividing by a single-digit divisor leaves a remainder. ☐

b. The remainder is smaller than the divisor. ☐

c. Sharing 23 sweets among 4 children, 23 ÷ 4 = 5 r 3 means each child gets 5. ☐

d. A remainder appears when the dividend is a multiple of the divisor. ☐

NUMBER