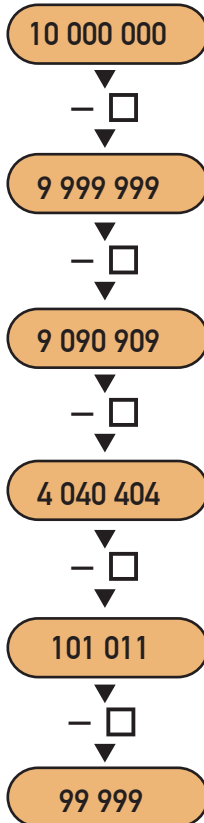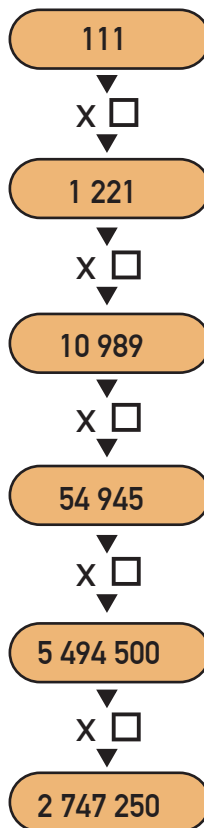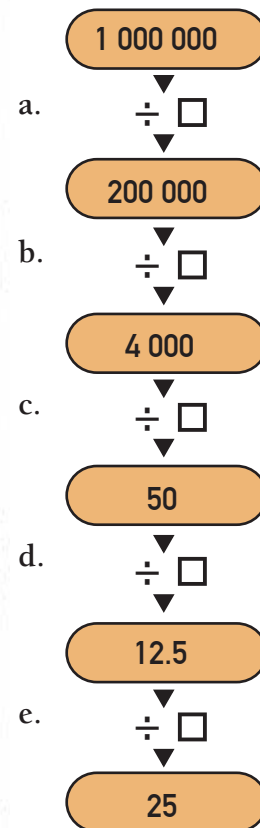# Calculation Chains

Activity

1. David started with the number 10 000 000 in his calculator. Each time he took away a number, he wrote down the answer in the next box in the calculation chain.

What numbers did David take away each time?

10 000 000
a. ▼ – ☐ ▼
9 999 999
b. ▼ – ☐ ▼
9 090 909
c. ▼ – ☐ ▼
4 040 404
d. ▼ – ☐ ▼
101 011
e. ▼ – ☐ ▼
99 999

2. Paige began with the number 111 in her calculator. Each time she multiplied by a number, she wrote down the answer.

What numbers did Paige multiply by each time?

111
a. ▼ x ☐ ▼
1 221
b. ▼ x ☐ ▼
10 989
c. ▼ x ☐ ▼
54 945
d. ▼ x ☐ ▼
5 494 500
e. ▼ x ☐ ▼
2 747 250

3. Ngaria made up a division chain, starting with the number 1 000 000.

What numbers did Ngaria divide by each time?

1 000 000
a. ▼ ÷ ☐ ▼
200 000
b. ▼ ÷ ☐ ▼
4 000
c. ▼ ÷ ☐ ▼
50
d. ▼ ÷ ☐ ▼
12.5
e. ▼ ÷ ☐ ▼
25

4. Make up a calculation chain problem for a classmate to solve.