Long Division Steps: D-M-S-B

Repeat the four steps until there are no digits left to bring down. Worked example: 864 ÷ 24 = 36.

D — Divide

How many 24s fit into 86? Estimate: 24 is about 25, and 3 × 25 = 75. Write 3 above the 6.

M — Multiply

3 × 24 = 72. Write 72 under 86.

S — Subtract

86 - 72 = 14. The difference must be smaller than 24.

B — Bring down

Bring down the 4 to make 144. Divide again: 144 ÷ 24 = 6, and 6 × 24 = 144, remainder 0.

Memory trick some Ontario classes use: Does McDonald's Sell Burgers? (Divide, Multiply, Subtract, Bring down). Check every answer: quotient × divisor + remainder = dividend.