

Multiplying by 10, 100 and 1000 — Cheat Sheet

11+ Maths Guide · Year 5-6 · Keep this by your desk

MULTIPLYING BY 10, 100 AND 1000

1. $\times 10 \rightarrow$ digits slide 1 place left.
2. $\times 100 \rightarrow$ 2 places. $\times 1000 \rightarrow$ 3 places.
3. Pad with zeros if you run out of digits.
4. Multiplying by 10/100/1000 always makes the number bigger.

Examples: $3.45 \times 10 = 34.5$ · $3.45 \times 100 = 345$ · $0.7 \times 1000 = 700$