

Fractions to Decimals — Cheat Sheet

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

FRACTIONS TO DECIMALS

1. Route 1: make an equivalent fraction with 10 or 100 on the bottom.
2. Route 2: divide the top by the bottom.
3. Memorise: $1/2=0.5$, $1/4=0.25$, $3/4=0.75$, $1/10=0.1$, $1/5=0.2$.
4. A proper fraction always converts to a decimal less than 1.

Examples: $\frac{2}{5} = 0.4$ · $\frac{3}{5} = 0.6$ · $\frac{3}{4} = 0.75$