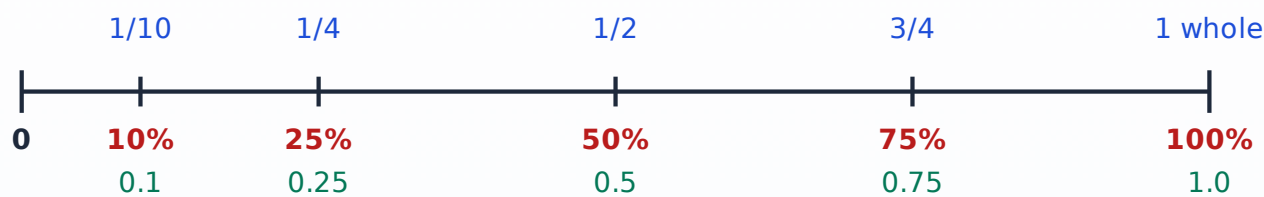


Benchmark Conversion Card — Student Reference

Keep this card beside you. Every value below is **one amount with three names**.



The benchmark family.

The benchmark table

Percentage	Fraction	Decimal	Think of it as...
10%	1/10	0.1	one tenth — a small slice
20%	1/5	0.2	two tenths
25%	1/4	0.25	a quarter
50%	1/2	0.5	half — "50% off" = half price
75%	3/4	0.75	three quarters
100%	1	1.0	the whole thing

How to convert

- **Fraction → percentage:** rename with denominator 100. $\frac{3}{5} = \frac{60}{100} = 60\%$
- **Percentage → decimal:** read it as hundredths. $40\% = \frac{40}{100} = 0.4$
- **Decimal → percentage:** write the hundredths. $0.07 = \frac{7}{100} = 7\%$

Single digits are the trap: $5\% = 0.05$, not 0.5!

Routine: **SAY IT AS HUNDREDTHS → WRITE ALL THREE → CHECK ON THE LINE**