

TEAS 7 · MATH

8 conversions to know cold, not compute

Math is 36 questions in 57 minutes. Anything you calculate from scratch is time you do not have.

A calculator is provided on the TEAS, which is exactly why these matter: the clock is lost to setting the problem up, not to the arithmetic. Recognise these on sight and the question becomes one keystroke.

1	$1/2 \cdot 0.5 \cdot 50\%$	the anchor — halve or double from here.
2	$1/4 \cdot 0.25 \cdot 25\%$	and $3/4 \cdot 0.75 \cdot 75\%$.
3	$1/3 \cdot 0.333... \cdot 33.3\%$	and $2/3 \cdot 0.666... \cdot 66.7\%$. Never exact as a decimal.
4	$1/5 \cdot 0.2 \cdot 20\%$	fifths are the easiest percentage family: 20, 40, 60, 80.
5	$1/8 \cdot 0.125 \cdot 12.5\%$	eighths double from 12.5: 25, 37.5, 50.
6	$1 \text{ inch} = 2.54 \text{ cm}$	the only imperial–metric length conversion worth memorising.
7	$1 \text{ kg} = 2.2 \text{ lb}$	and $1 \text{ L} = 1.06 \text{ qt}$. Both appear in dosage-style items.
8	$^{\circ}\text{C} \rightarrow ^{\circ}\text{F} = (^{\circ}\text{C} \times 9/5) + 32$	and back: $(^{\circ}\text{F} - 32) \times 5/9$.

Write the eight on one card. If you have to work any of them out on test day, you have already lost the minute.