

BIDMAS and Inverse Operations *ramp up*

ANSWERS

a Work out $3 + 4 \times 5$ 23 $\times$ before +	b Work out $20 - 8 \div 2$ 16 $\div$ before -	c Work out $(3 + 5) \times 2$ 16 brackets first	d Work out $15 - 6 + 3$ 12 + and - from left to right
e Work out $24 \div 4 \times 2$ 12 $\times$ and $\div$ from left to right	f Work out 2×3^2 18 a power before $\times$	g Work out $4 + 2 \times (7 - 4)^2$ 22 brackets, then a power, then $\times$, then +	h Work out $\frac{12 + 8}{7 - 2}$ 4 a fraction line groups top and bottom
i Work out $\sqrt{9 + 16}$ 5 a root over a sum	j Find the missing number: $\square \times 4 + 3 = 23$ 5 undoing in reverse order	k $36 \times 14 = 504$. Use this to work out $504 \div 14$ 36 using a fact and its inverse	l Add one pair of brackets to make this true: $2 + 3 \times 4 - 1 = 19$ $(2 + 3) \times 4 - 1$ placing brackets to hit a target

The Maths Habit

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