



B'DMAS

ADDITION WITH MULTIPLICATION

NO CALCULATOR

Ref: G154. **1F1**

A1 Work out $3 \times 2 + 4$	A2 Work out $3 + 2 \times 4$	A3 Work out $5 + 3 \times 4$	A4 Work out $5 \times 3 + 4$
B1 Work out $5 \times 2 + 3$	B2 Work out $3 + 5 \times 2$	B3 Work out $4 \times 2 + 5$	B4 Work out $4 + 2 \times 5$
C1 Work out $3 \times 2 + 5 \times 2$	C2 Work out $3 + 2 \times 5 + 2$	C3 Work out $4 \times 3 + 4 \times 2$	C4 Work out $4 + 3 \times 4 + 2$
D1 Work out $2 \times 3 + 4 \times 5 + 2$	D2 Work out $2 + 3 \times 4 + 5 \times 2$	D3 Work out $2 \times 3 + 4 + 5 \times 2$	D4 Work out $2 + 3 \times 4 \times 5 + 2$
E1 Work out $3 \times 2 + 4 \times 2 + 5 \times 2$	E2 Work out $3 + 2 \times 4 + 2 \times 5 + 2$	E3 Work out $3 \times 2 + 4 + 2 \times 5 + 2$	E4 Work out $3 + 2 \times 4 + 2 + 5 \times 2$



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<p>A1 Work out</p> $\begin{aligned} 3 \times 2 + 4 &= 6 + 4 \\ &= 10 \end{aligned}$	<p>A2 Work out</p> $\begin{aligned} 3 + 2 \times 4 &= 3 + 8 \\ &= 11 \end{aligned}$ <p style="text-align: center;">↑ Do this before adding</p>	<p>A3 Work out</p> $\begin{aligned} 5 + 3 \times 4 &= 5 + 12 \\ &= 17 \end{aligned}$ <p style="text-align: center;">↑ Do this before adding</p>	<p>A4 Work out</p> $\begin{aligned} 5 \times 3 + 4 &= 15 + 4 \\ &= 19 \end{aligned}$
<p>B1 Work out</p> $\begin{aligned} 5 \times 2 + 3 &= 10 + 3 \\ &= 13 \end{aligned}$	<p>B2 Work out</p> $\begin{aligned} 3 + 5 \times 2 &= 3 + 10 \\ &= 13 \end{aligned}$	<p>B3 Work out</p> $\begin{aligned} 4 \times 2 + 5 &= 8 + 5 \\ &= 13 \end{aligned}$	<p>B4 Work out</p> $\begin{aligned} 4 + 2 \times 5 &= 4 + 10 \\ &= 14 \end{aligned}$
<p>C1 Work out</p> $\begin{aligned} 3 \times 2 + 5 \times 2 &= 6 + 10 \\ &= 16 \end{aligned}$ <p style="text-align: center;">↑ ↑ Do these before adding</p>	<p>C2 Work out</p> $\begin{aligned} 3 + 2 \times 5 + 2 &= 3 + 10 + 2 \\ &= 15 \end{aligned}$	<p>C3 Work out</p> $\begin{aligned} 4 \times 3 + 4 \times 2 &= 12 + 8 \\ &= 20 \end{aligned}$	<p>C4 Work out</p> $\begin{aligned} 4 + 3 \times 4 + 2 &= 4 + 12 + 2 \\ &= 18 \end{aligned}$
<p>D1 Work out</p> $\begin{aligned} 2 \times 3 + 4 \times 5 + 2 &= 6 + 20 + 2 \\ &= 28 \end{aligned}$	<p>D2 Work out</p> $\begin{aligned} 2 + 3 \times 4 + 5 \times 2 &= 2 + 12 + 10 \\ &= 24 \end{aligned}$	<p>D3 Work out</p> $\begin{aligned} 2 \times 3 + 4 + 5 \times 2 &= 6 + 4 + 10 \\ &= 20 \end{aligned}$	<p>D4 Work out</p> $\begin{aligned} 2 + 3 \times 4 \times 5 + 2 &= 2 + 60 + 2 \\ &= 64 \end{aligned}$
<p>E1 Work out</p> $\begin{aligned} 3 \times 2 + 4 \times 2 + 5 \times 2 \\ &= 6 + 8 + 10 \\ &= 24 \end{aligned}$	<p>E2 Work out</p> $\begin{aligned} 3 + 2 \times 4 + 2 \times 5 + 2 \\ &= 3 + 8 + 10 + 2 \\ &= 23 \end{aligned}$	<p>E3 Work out</p> $\begin{aligned} 3 \times 2 + 4 + 2 \times 5 + 2 \\ &= 6 + 4 + 10 + 2 \\ &= 22 \end{aligned}$	<p>E4 Work out</p> $\begin{aligned} 3 + 2 \times 4 + 2 + 5 \times 2 \\ &= 3 + 8 + 2 + 10 \\ &= 23 \end{aligned}$