



# FIRST STEPS

## B'DMAS

### MIXING THE FOUR OPERATIONS

## NO CALCULATOR

Ref: G132. **3F1**

<b>A1</b> Work out $6 + 3 + 2$	<b>A2</b> Work out $6 + 3 - 2$	<b>A3</b> Work out $6 - 3 + 2$	<b>A4</b> Work out $6 - 3 - 2$
<b>B1</b> Work out $6 \times 3 + 2$	<b>B2</b> Work out $6 + 3 \times 2$	<b>B3</b> Work out $6 \times 3 - 2$	<b>B4</b> Work out $6 - 3 \times 2$
<b>C1</b> Work out $6 \div 3 + 2$	<b>C2</b> Work out $6 + 3 \div 2$	<b>C3</b> Work out $6 - 3 \div 2$	<b>C4</b> Work out $6 \div 3 - 2$
<b>D1</b> Work out $6 \times 3 \times 2$	<b>D2</b> Work out $6 \times 3 \div 2$	<b>D3</b> Work out $6 \div 3 \times 2$	<b>D4</b> Work out $6 \div 3 \div 2$
<b>E1</b> Work out $6 + 3 \times 2 - 4$	<b>E2</b> Work out $6 \times 3 + 2 \times 4$	<b>E3</b> Work out $6 - 3 \times 2 + 4$	<b>E4</b> Work out $6 \times 3 - 2 \div 4$



## B<sup>1</sup>DMAS

### MIXING THE FOUR OPERATIONS

## NO CALCULATOR

Ref: G132. **3F1**

<b>A1</b> Work out $6 + 3 + 2 = 9 + 2$ $= 11$	<b>A2</b> Work out $6 + 3 - 2 = 9 - 2$ $= 7$	<b>A3</b> Work out $6 - 3 + 2 = 3 + 2$ $= 5$	<b>A4</b> Work out $6 - 3 - 2 = 3 - 2$ $= 1$
<b>B1</b> Work out $6 \times 3 + 2 = 18 + 2$ $= 20$	<b>B2</b> Work out $6 + 3 \times 2 = 6 + 6$ $= 12$ ↑ multiplication before addition	<b>B3</b> Work out $6 \times 3 - 2 = 18 - 2$ $= 16$	<b>B4</b> Work out $6 - 3 \times 2 = 6 - 6$ $= 0$ ↑ multiplication before subtraction
<b>C1</b> Work out $6 \div 3 + 2 = 2 + 2$ $= 4$	<b>C2</b> Work out $6 + 3 \div 2 = 6 + 1.5$ $= 7.5$ ↑ division before addition	<b>C3</b> Work out $6 - 3 \div 2 = 6 - 1.5$ $= 4.5$ ↑ division before subtraction	<b>C4</b> Work out $6 \div 3 - 2 = 2 - 2$ $= 0$
<b>D1</b> Work out $6 \times 3 \times 2 = 36$	<b>D2</b> Work out $6 \times 3 \div 2 = 18 \div 2$ $= 9$ work left-to-right	<b>D3</b> Work out $6 \div 3 \times 2 = 2 \times 2$ $= 4$ work left-to-right	<b>D4</b> Work out $6 \div 3 \div 2 = 2 \div 2$ $= 1$ work left-to-right
<b>E1</b> Work out $6 + 3 \times 2 - 4 = 6 + 6 - 4$ $= 12 - 4$ $= 8$	<b>E2</b> Work out $6 \times 3 + 2 \times 4 = 18 + 8$ $= 26$	<b>E3</b> Work out $6 - 3 \times 2 + 4 = 6 - 6 + 4$ $= 0 + 4$ $= 4$	<b>E4</b> Work out $6 \times 3 - 2 \div 4 = 18 - 0.5$ $= 17.5$