



BIDMAS USING BRACKETS

NO CALCULATOR

Ref: G123.**2F1**

A1	Work out 8 + 4 – 2	A2 Work out 8 + (4 – 2)	A3	Work out $8 \times 4 - 2$	A4	Work out $8 \times (4-2)$
B1	Work out $8 + 4 \times 2$		B3	Work out 8 − 4 ÷ 2	B4	Work out (8 − 4) ÷ 2
C1	Work out $8 \times 4 \div 2$	C2 Work out $8 \times (4 \div 2)$	C3	Work out $8 \div 4 \times 2$	C4	Work out $8 \div (4 \times 2)$
D1	Work out (8 + 4) ÷ 2	D2 Work out 8 ÷ (4 − 2)	D3	Work out 8 – (4 – 2)	D4	Work out 8 ÷ (4 ÷ 2)
E1	Work out $8 \times 4 + 2 \times 6$	E2 Work out $8 \times (4+2) \times 6$	E3	Work out 8 + 4 × 2 + 6	E4	Work out $(8 + 4) \times (2 + 6)$





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Work out	A2	Work out	A3	Work out	A4	Work out
8+4-2 = 12-2		8 + (4 - 2) = 8 + 2		$8 \times 4 - 2 = 32 - 2$		$8 \times (4-2) = 8 \times 2$ = 16
6-7				= 30		= 16
Do this						
part first		part first				
Work out	B2	Work out	B3	Work out	B4	Work out
$8 + 4 \times 2 = 8 + 8$ = 16		$(8+4) \times 2 = 12 \times 2$ = 24		$8 - 4 \div 2 = 8 - 2$ $= 6$		$(8-4) \div 2 = 4 \div 2$ $= 2$
Work out	C2	Work out	C3	Work out	C4	Work out
$8 \times 4 \div 2 = 32 \div 2$ $= 16$		$8 \times (4 \div 2) = 8 \times 2$ = 16		$8 \div 4 \times 2 = 2 \times 2$ $= 4$		$8 \div (4 \times 2) = 8 \div 8$ $= 1$
Work out	D2	Work out	D2	Work out	D4	Work out
$(8+4) \div 2 = 12 \div 2 = 6$	D2	$8 \div (4-2) = 8 \div 2$ $= 4$	ВЗ	8 - (4 - 2) = 8 - 2 $= 6$	1	$8 \div (4 \div 2) = 8 \div 2 = 4$
Work out	E2	Work out	E3	Work out	E4	Work out
$8 \times 4 + 2 \times 6 = 32 + 12$ = 44		$8 \times (4+2) \times 6 = 8 \times 6 \times 6$ = 48×6 = 288		$8 + 4 \times 2 + 6 = 8 + 8 + 6$ = 22		$(8+4) \times (2+6) = 12 \times 8$ = 96
	$ 8+4-2 = 12-2 \\ = 10 $ Nork out $ 8+4 \times 2 = 8+8 \\ = 16 $ Work out $ 8 \times 4 \div 2 = 32 \div 2 \\ = 16 $ Work out $ (8+4) \div 2 = 12 \div 2 \\ = 6 $ Work out	8+4-2 = 12-2 = 10 Do the part of t	$8+4-2 = 12-2 = 10$ $8+(4-2) = 8+2 = 10$ Do this part first Work out $8+4\times 2 = 8+8 = 16$ B2 Work out $(8+4)\times 2 = 12\times 2 = 24$ Work out $8\times 4 \div 2 = 32 \div 2 = 16$ $8\times (4\div 2) = 8\times 2 = 16$ Work out $(8+4)\div 2 = 12\div 2 = 6$ $8\div (4-2) = 8\div 2 = 14$ Work out $8\times 4+2\times 6=32+12 = 14$ $8\times (4+2)\times 6=8\times 6\times 6 = 148\times 6$	$8+4-2 = 12-2 = 10$ $8+(4-2) = 8+2 = 10$ Do this part first Work out $8+4\times 2 = 8+8 = 16$ B2 Work out $(8+4)\times 2 = 12\times 2 = 24$ Work out $8\times 4 \div 2 = 32 \div 2 = 16$ $8\times (4\div 2) = 8\times 2 = 16$ Work out $(8+4)\div 2 = 12\div 2 = 6$ D2 Work out $8\div (4-2) = 8\div 2 = 4$ Work out $8\div (4-2) = 8 \div 2 = 4$ E2 Work out $8\times (4+2)\times 6 = 8\times 6\times 6 = 48\times 6$ Work out $8\times 4+2\times 6=32+12 = 44$ E2 Work out $8\times (4+2)\times 6=8\times 6\times 6 = 48\times 6$	8 + 4 - 2 = 12 - 2 8 + (4 - 2) = 8 + 2 8 × 4 - 2 = 32 - 2 = 30 Work out 8 + 4 × 2 = 8 + 8 8 × 4 × 2 = 12 × 2 8 × 4 × 2 = 8 - 2 = 6 Work out 8 × 4 + 2 = 32 + 2 C2 Work out 8 × 4 × 2 = 8 × 2 E3 Work out 8 × 4 + 2 = 32 + 2 2 2 16 D3 Work out 8 × 4 + 2 × 6 = 32 + 12 2 3 4 3 4 × 2 + 6 = 8 + 8 + 6 3 4 × 2 + 6 = 8 + 8 + 6 4 × 2 + 6 = 8 + 8	8 + 4 - 2 = 12 - 2 = 10 8 + (4 - 2) = 8 + 2 = 30 8 × 4 - 2 = 32 - 2 = 30 Do this part first B2 Work out $(8 + 4) \times 2 = 12 \times 2 = 24$ B3 Work out $8 - 4 \div 2 = 8 - 2 = 6$ B4 Work out $8 \times 4 \div 2 = 32 \div 2 = 16$ C2 Work out $8 \times (4 \div 2) = 8 \times 2 = 16$ C3 Work out $8 \div 4 \times 2 = 2 \times 2 = 4$ C4 Work out $(8 + 4) \div 2 = 12 \div 2 = 6$ D2 Work out $8 \div (4 - 2) = 8 \div 2 = 4$ D3 Work out $8 - (4 - 2) = 8 - 2 = 6$ D4 Work out $8 \div 4 + 2 \times 6 = 32 + 12 = 6$ E2 Work out $8 \times (4 + 2) \times 6 = 8 \times 6 \times 6 = 48 \times 6 \times $