

# Order of Operations

# November 2022 Paper 1

Question	Answer	Mark	Mark scheme	Additional guidance
3	4	B1	cao	

## November 2021 Paper 2

Question	Answer	Mark	Mark scheme	Additional guidance
9	Explanation	C1	<p>for explanation,</p> <p><b>Acceptable examples</b>            Answer should be 14            Should work out <math>3 \times 4</math> first            Alec should times first instead of adding            Not used BIDMAS/BODMAS            BIDMAS/BODMAS            He has done it in the wrong order            Alec needs to use brackets so <math>2 + (3 \times 4)</math>            Because you always do multiplication or division first</p> <p><b>Not acceptable examples</b>            Because the answer is wrong            It is <math>2 + (3 \times 4) = 15</math>            It needs brackets            Because working out should only be one sum</p>	

# June 2024 Paper 1

Question	Answer	Mark	Mark scheme	Additional guidance
11 (a)	3	B1	cao	
(b)	32	B1	cao	
(c)	$30 \div (3 + 2) - 4$	B1	for brackets correctly placed	

# November 2024 Paper 1

Question	Answer	Mark	Mark scheme	Additional guidance
12	explanation	C1	<p>for explanation</p> <p><b>Acceptable examples</b></p> <p>he should have multiplied first</p> <p>multiplication should be done before subtraction</p> <p>he should have done <math>3 \times 4</math> first</p> <p>he didn't use BIDMAS/BODMAS/PEMDAS</p> <p><math>5 - 12 = -7</math></p> <p><b>Not acceptable examples</b></p> <p>he was correct</p> <p>the answer is <math>-7</math></p> <p>Olly's method gives the wrong answer</p> <p>BIDMAS/BODMAS/PEMDAS</p> <p>he should multiply first so <math>3 \times 4 = 12</math> then <math>12 - 5 = 7</math></p> <p>he should have done <math>3 \times 4 = 12</math> then <math>12 - 5 = 7</math></p> <p>he should have done <math>2 \times 4</math> first</p>	