

Answer BIDMAS RULES - Book 1

Ordering Operations

- ◆ Brackets $() \{ \} []$
- ◆ Indices $()^2$
- ◆ Division \div
- ◆ Multiplication \times
- ◆ Addition $+$
- ◆ Subtraction $-$

Answers to BIDMAS Book 1

<p>Page 3</p> <p>Q1: a) -2 b) -16 c) -54 42 48 -42 d) 9 -4 -8 -4</p> <p>Q2: a) 5 0.2 b) 10 0.1 c) 2 0.5 d) 4 0.25</p>	<p>Page 4</p> <p>Correct answers are.</p> <p>Q1: 1) b 2) a 3) b</p>
<p>Page 6</p> <p>Q1: a) -13 b) 15 c) Correct sum is iii.</p>	<p>Page 7</p> <p>Q1: a) -10 b) i. 12 c) (ii) -4</p>
<p>Page 8</p> <p>Q1: a) 18. b) i. 2 ii. 38 c) i. 18 ii. 22 d) i. -18 ii. 38</p>	<p>Page 9</p> <p>Q1: a) 27. b) i. 6 ii. 54 c) i. 27 ii. 33 d) i. 0 ii. 42</p>
<p>Page 10</p> <p>Q1: a) The sum (ii) has brackets. b) i. 82 ii. 100</p> <p>Q2: a) i. 17 ii. 25 iii. 11 b) Numbers and its position. c) Brackets and the position of the operator.</p>	<p>Page 11</p> <p>Q1: a) 4. b) i. 45 ii. 32 c) i. 16 ii. -10 d) i. 20 ii. 10</p>
<p>Page 12</p> <p>Q1: a) 5. b) i. 45 ii. 21 c) i. 11 ii. -4 d) i. 18 ii. 6</p> <p>Q2: a) 5, 0.2 b) 6, 0.16 c) 3.75, 0.266 d) 3, 0.33</p>	<p>Page 13</p> <p>Q1: a) i. 28 ii. 40 b) i. 0 ii. 60 c) i. 34 ii. 4</p> <p>Q2: a) 5 b) 5 c) 5 d) 3</p>
<p>Page 14</p> <p>Q1: a) i. 110 ii. 700 b) i. 90 ii. 20 c) i. 90 ii. 490</p> <p>Q2: a) i. 54 ii. 90 iii. 30 b) Numbers and its position. c) Brackets and the operators.</p>	<p>Page 15</p> <p>Q1: a) i. 6 ii. 10 b) i. 24 ii. 16 c) i. 12 ii. 28</p> <p>Q2: a) 10 b) 1 c) 10 d) 0.5</p>
<p>Page 16</p> <p>Q1: a) i. 74 ii. 448 b) i. 71 ii. 32 c) i. 88 ii. 88</p> <p>Q2: a) i. 257 ii. 200 iii. 25 b) Numbers. c) Brackets and the operators.</p>	<p>Page 17</p> <p>Q1: a) i. 26 ii. 18 c) i. 17 ii. 0 d) i. -1 ii. -49</p> <p>Q2: a) 4 b) 25 c) 10 d) 10</p>

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<p>Page 18</p> <p>Q1: b) i. 37 ii. 5 c) i. 20 ii. 9 d) i. 19 ii. 22</p> <p>e) Division. Multiply. Subtract.</p>	<p>Page 19</p> <p>Q1: a) i. 16 ii. 81 b) i. 64 ii. -11 c) i. 12 ii. 80 d) i. 30 ii. 28</p> <p>e) Division. Multiply. Subtract.</p>			
<p>Page 20</p> <p>Q1: a) The sum (ii) has brackets. b) i. 83 ii. 70</p> <p>Q2: a) i. 14 ii. 8 iii. -10 b) Numbers. c) The operators.</p>	<p>Page 21</p> <p>Q1: a) i. 19 ii. 27 b) i. 12 ii. 10 c) i. Yes ii. Yes iii. Brackets.</p> <p>Q2: a) 0.5 b) 9 c) 10 d) 4</p>			
<p>Page 22</p> <p>Q1: a) i. 19 ii. 15 b) i. 31 ii. 30 c) i. 12 ii. 12</p> <p>Q2: a) ii. Correct b. iii. Correct</p>	<p>Page 23</p> <p>Q1: a) i. 33 ii. 82 b) i. 22 ii. 15 c) i. Yes ii. Yes iii Brackets.</p> <p>Q2: a) 0.5 b) 5 c) 4 d) 4</p>			
<p>Page 24</p> <p>Q1: b) i. -30 ii. 0 c) i. 40 ii. 53 d) i. 42 ii. 10</p>	<p>Page 25</p> <p>Q1: a) i. 90 ii. 270 b) i. - 8 ii. 157 c) i. 26 ii. 16 d) i. 45 ii. 9</p>			
<p>Page 26</p> <p>Q1: a) 5 b) 5 c) 5 d) 3</p> <p>Q2: a) i. -30 ii. 50 b) i. 22 ii. 6 c) i. 70 ii. 150 d) Numbers. e) Operators. f) Own answer.</p>	<p>Page 27</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 5px;"> Q1: a. $10 + 2 \times 10$ = $10 + 20$ = 30 </td> <td style="border-right: 1px solid black; padding: 5px;"> b. $10 - 50 \div 10$ = $10 - 5$ = 5 </td> <td style="padding: 5px;"> c. $10^2 + 2 \times 10$ = $100 + 20$ = 120 </td> </tr> </table> <p>Q2: a) i. 11, ii. -1 b) i. -5, ii. 19</p>	Q1: a. $10 + 2 \times 10$ = $10 + 20$ = 30	b. $10 - 50 \div 10$ = $10 - 5$ = 5	c. $10^2 + 2 \times 10$ = $100 + 20$ = 120
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<p>Page 28</p> <p>Q1: a) 10 b) 2 c) 110 d) 10</p> <p>Q2: a) i. 25 ii. 225 b) i. 50 ii. 11 c) i. 75 ii. 275 d) Numbers. e) Operators and brackets. f) Own answers.</p>	<p>Page 29</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 5px;"> Q1: a $3 + 2^2 - 10$ = $3 + 4 - 10$ = $7 - 10$ = -3 </td> <td style="border-right: 1px solid black; padding: 5px;"> b. $10 - 18 \div 3^2$ = $10 - 18 \div 9$ = $10 - 2$ = 8 </td> <td style="padding: 5px;"> c. $10 - 5^2 + 10$ = $10 - 25 + 10$ = $-15 + 10$ = -5 </td> </tr> </table> <p>Q2: a) i. 15, ii. 3 b) i. -24, ii. 42 c) i. ii. iii. iv. remains the same. v. vi. changed.</p>	Q1: a $3 + 2^2 - 10$ = $3 + 4 - 10$ = $7 - 10$ = -3	b. $10 - 18 \div 3^2$ = $10 - 18 \div 9$ = $10 - 2$ = 8	c. $10 - 5^2 + 10$ = $10 - 25 + 10$ = $-15 + 10$ = -5
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<p>Page 30</p> <p>Q1: a) 10 b) 25 c) 10 d) 4</p> <p>Q2: a) i. +, - ii. \times, - iii. \times, + iv. -, - v. \div, + vi. -, \times c) i. 16 ii. 4 iii. 0 iv. 28</p>				