

# Day 1 Answers

Task 1	Task 2	Task 3
<p><b>Problem solving</b></p> <p><b>Q1.</b> 7 8</p> <p><b>Q2.</b> 18 <math>\ominus</math> 3 <math>\times</math> 5 = 30</p> <p><b>Q3.</b> (a) Any two numbers such that the first is eight times the second, eg: <math>\boxed{16} \div \boxed{2} = 8</math> (b) Any two numbers which make the equation correct, eg:  Accept (4 + 0) <math>\times</math> 25 = 100  Accept blank boxes provided the answer is elsewhere on the page.  Accept correct fractions, decimals and negative numbers.</p>	<p><b>Arithmetic</b></p> <p><b>8.</b> 2957</p> <p><b>9.</b> 36</p> <p><b>10.</b> 3</p> <p><b>11.</b> 3</p> <p><b>12.</b> 90.2</p> <p><b>13.</b> 887</p> <p><b>14.</b> 84</p>	<p><b>Project</b></p> <p>Expected</p> <ol style="list-style-type: none"> <li>45</li> <li>42</li> <li>19</li> <li>15</li> <li>8</li> <li>49</li> <li>55</li> </ol> <p>Greater Depth</p> <ol style="list-style-type: none"> <li>35</li> <li>41</li> <li>9</li> <li>6</li> <li>3</li> <li>72</li> <li>71</li> </ol>

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(c)

Accept blank box provided the answer is elsewhere on the page.

**Q4.**

Brackets inserted correctly, eg

$$10^2 \div (10 \div 10) \div (10 \div 10) = 100$$

**OR**

$$10^2 \div [(10 \div 10) \div 10] \div 10 = 100$$

**OR**

$$(10^2 \div 10) \div [(10 \div 10) \div 10] = 100$$

**OR**

$$10^2 \div \{10 \div [10 \div (10 \div 10)]\} = 100$$

**OR**

$$10^2 \div [10 \div (10 \div 10) \div 10] = 100$$

**OR**

$$10^2 \div [10 \div 10 \div (10 \div 10)] = 100$$