

**Y4 – Summer – Block 3 – Step 4 – Convert to the 24-hour clock Answers**

Question	Answer						
1	<p>a) All the clocks show 11 o'clock in the morning. The first clock is analogue, the second clock is 12-hour digital and the third clock is 24-hour digital.</p> <p>b) All the clocks show 11 o'clock in the evening. The first clock is analogue, the second clock is 12-hour digital and the third clock is 24-hour digital.</p>						
2	<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="background-color: #ffffcc;">am</th> <th style="background-color: #ffffcc;">pm</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">08:45</td> <td style="text-align: center;">18:30</td> </tr> <tr> <td style="text-align: center;">00:12</td> <td style="text-align: center;">12:15</td> </tr> </tbody> </table>	am	pm	08:45	18:30	00:12	12:15
am	pm						
08:45	18:30						
00:12	12:15						
3							
4	<p>a) 10:45      22:45  b) 11:45      23:45  c) 12:45      00:45  d) 13:45      01:45</p>						
5	<p>a) 14:35  b) 22:47  c) 21:18</p>						
6	<p>Tiny has written the hours and minutes the wrong way round. Tiny has also ignored the information that the time is in the morning.  correct answer: 10:22</p>						

**Y4 – Summer – Block 3 – Step 4 – Convert to the 24-hour clock Answers (continued)**

Question	Answer
7	<p>Children need to justify why they prefer one method over the others.</p>
8	13:05
9	<p>possible answers:</p> <ul style="list-style-type: none"> <li>01:23</li> <li>01:32</li> <li>02:13</li> <li>02:31</li> <li>03:12</li> <li>03:21</li> <li>10:23</li> <li>10:32</li> <li>12:03</li> <li>12:30</li> <li>13:02</li> <li>13:20</li> <li>20:13</li> <li>20:31</li> <li>21:03</li> <li>21:30</li> <li>23:01</li> <li>23:10</li> </ul> <p>There are 18 possible answers.</p>