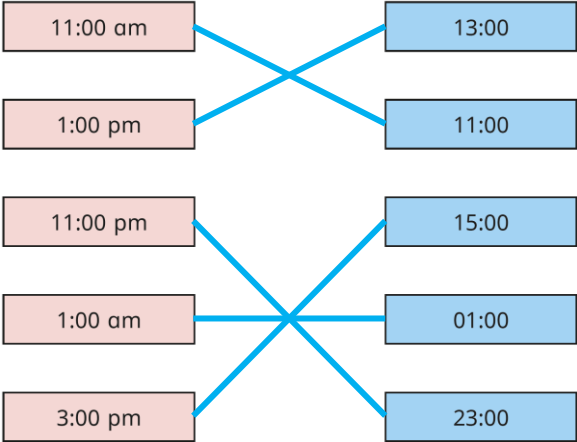


Y4 – Summer – Block 3 – Step 4 – Convert to the 24-hour clock Answers

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><tr><th>am</th><th>pm</th></tr><tr><td>08:45 00:12</td><td>18:30 12:15</td></tr></table>	am	pm	08:45 00:12	18:30 12:15
am	pm				
08:45 00:12	18:30 12:15				
3					
4	<p>a) 10:45 22:45</p> <p>b) 11:45 23:45</p> <p>c) 12:45 00:45</p> <p>d) 13:45 01:45</p>				
5	<p>a) 14:35</p> <p>b) 22:47</p> <p>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.</p> <p>correct answer: 10:22</p>				

Question	Answer
7	<div><p>The first number line shows the sequence: 6:37 pm → (+ 2 mins) → 18:39 → (+ 2 hours) → 20:39 → (+ 10 mins) → 20:49.</p><p>The second number line shows the sequence: 6:37 pm → (+ 2 hours) → 20:37 → (+ 2 mins) → 20:39 → (+ 10 mins) → 20:49.</p><p>The third number line shows the sequence: 6:37 pm → (+ 2 mins) → 18:39 → (+ 10 mins) → 18:49 → (+ 2 hours) → 20:49.</p></div> <p>Children need to justify why they prefer one method over the others.</p>
8	13:05
9	<p>possible answers:</p> <p>01:23</p> <p>01:32</p> <p>02:13</p> <p>02:31</p> <p>03:12</p> <p>03:21</p> <p>10:23</p> <p>10:32</p> <p>12:03</p> <p>12:30</p> <p>13:02</p> <p>13:20</p> <p>20:13</p> <p>20:31</p> <p>21:03</p> <p>21:30</p> <p>23:01</p> <p>23:10</p> <p>There are 18 possible answers.</p>