

Y4 – Summer – Block 3 – Step 5 – Convert from the 24-hour clock Answers

Question	Answer												
1	<p>a) All the clocks show 9 o'clock in the morning. The first clock is 12-hour digital, the second clock is 24-hour digital and the third clock is analogue.</p> <p>b) All the clocks show 9 o'clock in the evening. The first clock is 12-hour digital, the second clock is 24-hour digital and the third clock is analogue.</p>												
2													
3	<p>Yes Any 24-hour time after 12 is pm and any 24-hour time before 12 is am.</p>												
4	<table border="1" data-bbox="211 1073 906 1404"> <thead> <tr> <th data-bbox="211 1073 559 1129">24-hour digital</th> <th data-bbox="562 1073 906 1129">12-hour digital</th> </tr> </thead> <tbody> <tr> <td data-bbox="211 1133 559 1183">06:10</td> <td data-bbox="562 1133 906 1183">6:10 am</td> </tr> <tr> <td data-bbox="211 1187 559 1236">18:10</td> <td data-bbox="562 1187 906 1236">6:10 pm</td> </tr> <tr> <td data-bbox="211 1241 559 1290">21:12</td> <td data-bbox="562 1241 906 1290">9:12 pm</td> </tr> <tr> <td data-bbox="211 1295 559 1344">12:45</td> <td data-bbox="562 1295 906 1344">12:45 pm</td> </tr> <tr> <td data-bbox="211 1348 559 1398">00:45</td> <td data-bbox="562 1348 906 1398">12:45 am</td> </tr> </tbody> </table>	24-hour digital	12-hour digital	06:10	6:10 am	18:10	6:10 pm	21:12	9:12 pm	12:45	12:45 pm	00:45	12:45 am
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06:10	6:10 am												
18:10	6:10 pm												
21:12	9:12 pm												
12:45	12:45 pm												
00:45	12:45 am												
5	<p>No If the first time is 12:00 or after, then Tiny's method will work. If the first time is before 12:00, Tiny's method will not work, as the number of hours in the first time is less than 12</p>												
6	<p>a) 7:40 pm, 9:40 pm b) 6:30 pm, 5:00 pm c) 12:15 pm, 1:30 pm d) 12:30 am, 11:45 pm</p>												
7	11:35 am												
8	12:41 am												

Y4 – Summer – Block 3 – Step 5 – Convert from the 24-hour clock Answers (continued)

Question	Answer
9	<p>possible answers:</p> <p>00:00 12:00 midnight</p> <p>01:10 1:10 am</p> <p>02:20 2:20 am</p> <p>03:30 3:30 am</p> <p>04:40 4:40 am</p> <p>05:50 5:50 am</p> <p>10:01 10:01 am</p> <p>11:11 11:11 am</p> <p>12:21 12:21 pm</p> <p>13:31 1:31 pm</p> <p>14:41 2:41 pm</p> <p>20:02 8:02 pm</p> <p>21:12 9:12 pm</p> <p>22:22 10:22 pm</p> <p>23:32 11:32 pm</p> <p>There are 15 possible answers.</p>