24-Hour and 12-Hour Time

1. **Convert the following 12-hour times to 24-hour time.**

   12:00 p.m. = __**12.00**__   10:30 p.m. = __**22.30**__

   3:20 a.m. = __**03.20**__   12:05 a.m. = __**00.05**__

   7:50 p.m. = __**19.50**__   5:25 p.m. = __**17.25**__

2. **Convert the following 24-hour times to 12-hour time.**

   1643 = __**4:43 p.m**__   0230 = __**2:30 a.m**__

   0520 = __**5:20 a.m**__   0000 = __**12:00 a.m**__

   2040 = __**8:40 p.m**__   2100 = __**9:00 p.m**__

3. If I got home at 17:30 and went to bed at 21:30, how long was I at home before I went to bed?

   4 hours

4. A car race began at 08:45 and finished at 14:35. How long did the race last?

   5hours and 50 minutes

5. The sun sets at 19:30 and rises again at 06:30.
   a) How many hours of darkness are there?

      11 hours

   b) How many hours of daylight are there?

      13 hours