

WILF: Use all four operations to solve word problems, including time.

Silver

Time Problems using the 24 hour clock

Answer the following questions showing your working out:

1. Vidhi rang Maddie at 19:12, they talked on the phone for thirty-five minutes. What time were they done talking on the phone? **19:47**
2. Tommy went to the cinema. The film was 2 hours and 5 minutes long and began at 16:45. What time did the film end? **18:50**
3. Football training starts at 11:05. Harry trains for 2 hours and 40 minutes. What time will it end? **13:45**
4. Imogen read her book for 1 hour 24 minutes; she started at 10:04. What time did she finish reading? **11:28**
5. Ruby went to stay at her friend's house; she arrived at 17:30 and left the following day at 10:45. How long did she stay for? **17 hours 15 mins**
6. The sun sets at 19:00 and rises again at 06:30. How many hours of darkness are there? **11 hours 30 mins** How many hours of daylight are there? **12 hours 30 mins**
7. Bishan needs to make 160 copies of a one-page report. His printer can print eight pages in one minute; he began at 14:15. What time will he be done? **14:35**
8. A train leaves at 09:45 and arrives at 15:40. How long does the journey take? **5 hours 55 mins**
9. Emma starts painting at 13:00, it takes her 1 hour and 10 minutes to paint one room. This house has four rooms. Emma will take a thirty-six minute lunch break. What time will Emma finish? **18:16**
10. Troy's flight is expected to take 7 hours and 20 minutes. It leaves at 02:40. What time is the plane scheduled to land at its destination? **10:00**

