



Time Conversion

Example: Convert 9 hours 26 minutes 40 seconds to seconds.

1 hour = 60 minutes

 $= 60 \times 60$ seconds

= 3.600 seconds

1 minute = 60 seconds

9 hours = 9×3600 seconds = 32,400 seconds

26 minutes = 26×60 seconds = 1,560 seconds

40 seconds

34,000 seconds

9 hours 26 minutes 40 seconds = 34,000 seconds

Convert the hours, minutes, and seconds to seconds.

- 1) 11 hours 33 minutes 55 seconds = seconds
- 2) 9 hours 27 minutes 48 seconds = seconds
- 3) 22 hours 40 minutes 38 seconds = _____ seconds
- 4) 5 hours 56 minutes 8 seconds = seconds
- 5) 18 hours 35 minutes 49 seconds = seconds
- 6) 23 hours 10 minutes 26 seconds = seconds
- 7) 6 hours 43 minutes 19 seconds = seconds
- 8) 14 hours 52 minutes 45 seconds = seconds
- 9) 3 hours 2 minutes 16 seconds = seconds
- 10) 17 hours 59 minutes 31 seconds = seconds