

## 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 =  $9 \times 3600$  seconds = 32,400 seconds  
 26 minutes =  $26 \times 60$  seconds = 1,560 seconds  
 40 seconds

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34,000 seconds

9 hours 26 minutes 40 seconds = 34,000 seconds

Convert the hours, minutes, and seconds to seconds

1) 11 hours 33 min \_\_\_\_\_ seconds

2) 9 hours 27 minu \_\_\_\_\_ seconds

3) 22 hours 40 min \_\_\_\_\_ seconds

4) 5 hours 56 minu \_\_\_\_\_ seconds

5) 18 hours 35 min \_\_\_\_\_ seconds

6) 23 hours 10 min \_\_\_\_\_ seconds

7) 6 hours 43 minu \_\_\_\_\_ 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

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