

Name : \_\_\_\_\_

## Time Conversion

HMS3

**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  
34,000 seconds

9 hours 26 minutes 40 seconds = 34,000 seconds

Convert the hours, minutes, and seconds to seconds.

1) 23 hours 50 minutes = \_\_\_\_\_ seconds

2) 17 hours 21 minutes = \_\_\_\_\_ seconds

3) 5 hours 47 minutes = \_\_\_\_\_ seconds

4) 7 hours 14 minutes = \_\_\_\_\_ seconds

5) 19 hours 37 minutes = \_\_\_\_\_ seconds

6) 1 hour 55 minutes = \_\_\_\_\_ seconds

7) 20 hours 1 minute = \_\_\_\_\_ seconds

8) 15 hours 28 minutes 53 seconds = \_\_\_\_\_ seconds

9) 12 hours 42 minutes 17 seconds = \_\_\_\_\_ seconds

10) 4 hours 18 minutes 27 seconds = \_\_\_\_\_ seconds

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9 hours 26 minutes 40 seconds = 34,000 seconds

Convert the hours, minutes, and seconds to seconds.

1) 23 hours 50 min \_\_\_\_\_ seconds

2) 17 hours 21 min \_\_\_\_\_ seconds

3) 5 hours 47 min \_\_\_\_\_ seconds

4) 7 hours 14 min \_\_\_\_\_ seconds

5) 19 hours 37 min \_\_\_\_\_ seconds

6) 1 hour 55 min \_\_\_\_\_ seconds

7) 20 hours 1 min \_\_\_\_\_ seconds

8) 15 hours 28 minutes 53 seconds = 55,733 seconds

9) 12 hours 42 minutes 17 seconds = 45,737 seconds

10) 4 hours 18 minutes 27 seconds = 15,507 seconds

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