

Name : _____

Time Conversion

HMS2

Example: Convert 34,000 seconds to hours, minutes, and seconds.

60 seconds = 1 minute

$$34,000 \text{ seconds} = \frac{34,000 \text{ seconds}}{60 \text{ seconds}}$$
$$= 566 \text{ minutes } 40 \text{ seconds}$$

$$\begin{array}{r} 566 \text{ - minutes} \\ 60 \overline{) 34000} \\ \underline{300} \\ 400 \\ \underline{360} \\ 400 \\ \underline{360} \\ 40 \text{ - seconds} \end{array}$$

60 minutes = 1 hour

$$566 \text{ minutes} = \frac{566 \text{ minutes}}{60 \text{ minutes}}$$
$$= 9 \text{ hours } 26 \text{ minutes}$$

$$\begin{array}{r} 9 \text{ - hours} \\ 60 \overline{) 566} \\ \underline{540} \\ 26 \text{ - minutes} \end{array}$$

$$34,000 \text{ seconds} = \underline{9} \text{ hour(s)} \underline{26} \text{ minute(s)} \underline{40} \text{ second(s)}$$

Convert the seconds to hours, minutes, and seconds.

1) 41,010 seconds = _____ second(s)

2) 86,399 seconds = _____ second(s)

3) 71,552 seconds = _____ second(s)

4) 13,446 seconds = _____ second(s)

5) 76,164 seconds = _____ second(s)

6) 16,775 seconds = _____ second(s)

7) 39,017 seconds = _____ second(s)

8) 5,211 seconds = _____ hour(s) _____ minute(s) _____ second(s)

9) 63,988 seconds = _____ hour(s) _____ minute(s) _____ second(s)

10) 25,823 seconds = _____ hour(s) _____ minute(s) _____ second(s)

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