

Let's Practice – CHALLENGE!

Convert 557 799 seconds
to days, hours, minutes
and seconds.

Answer

$$557\,799\text{ s} = 557\,799 \div 60 = 9\,296,65\text{ min}$$

$$\begin{aligned}\therefore 9\,296,65\text{ min} &= 9\,296,65 \div 60\text{ s} \\ &= 154,9441667\text{ h}\end{aligned}$$

$$\begin{aligned}\therefore 154,9441667\text{ h} &= 154,9441667 \div 24 \\ &= 6,456006944\text{ days}\end{aligned}$$

$$\begin{aligned}\therefore 6,456006944\text{ days} \\ &= 6\text{ days} + 0,456006944\text{ days} \\ &= 6\text{ days} + 0,456006944\text{ days} \times 24\text{ h} \\ &= 6\text{ days} + 10,94416667\text{ h}\end{aligned}$$

$$\begin{aligned}\therefore 10,94416667\text{ h} \\ &= 10\text{ h} + 0,94416667\text{ h} \\ &= 10\text{ h} + 0,94416667 \times 60\text{ min} \\ &= 10\text{ h} + 56,65\text{ min}\end{aligned}$$

$$\begin{aligned}\therefore 56,65\text{ min} \\ &= 56\text{ min} + 0,65\text{ min} \times 60\text{ s} \\ &= 56\text{ min} + 39\text{ s}\end{aligned}$$

$$\begin{aligned}\therefore 557\,799\text{ s} \\ &= 6\text{ days}; 10\text{ h}; 56\text{ min and } 39\text{ s}\end{aligned}$$

