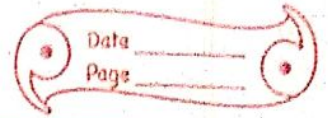


CW

10-12-21

Ex-15 (c)



1. a) 8 days

1 day = 24 hours

$$8 \text{ days} = 24 \times 8 = 192 \text{ hours}$$

b) 5 days 10 hours

1 day = 24 hours

$$5 \text{ days} = 24 \times 5 = 120 + 10 = 130 \text{ hours}$$

10 hours

c) 10 days 20 hours

1 day = 24 hours

$$10 \text{ days } 20 \text{ hours} = 24 \times 10 = 240 +$$

$$20 = 260 \text{ hours}$$

d) 6 days 2 hours

1 day = 24 hours

$$6 \text{ days } 2 \text{ hours} = 24 \times 6 = (144 + 2) \text{ hours}$$

$$= 146 \text{ hours.}$$

2. a) 3 hours

1 hour = 60 mins

$$3 \text{ hours} = 60 \times 3 = 180 \text{ mins}$$

b) 2 hours 6 mins

1 hour = 60 mins

$$2 \text{ hours } 6 \text{ mins} = 60 \times 2 = 120 \text{ mins} + 6 \text{ mins}$$

$$= 126 \text{ mins}$$

c) 8 hours 40 mins

1 hour = 60 mins

$$8 \text{ hours } 40 \text{ mins} = 60 \times 8 = 480 \text{ mins} + 40 \text{ mins} \\ = 520 \text{ mins}$$

d) 15 hours 30 mins

1 hour = 60 mins

$$15 \text{ hours } 30 \text{ mins} = 60 \times 15 = 900 \text{ mins} \\ + 30 \text{ mins} = 930 \text{ mins}$$

3. a) 6 mins      1 min = 60 seconds

$$6 \text{ mins} = 60 \times 6 = 360 \text{ ~~mins~~ seconds}$$

b) 2 mins 4 seconds      1 min = 60 seconds

$$2 \text{ mins } 4 \text{ seconds} = 60 \times 2 = 120 \text{ seconds} + \\ 4 \text{ seconds} = 124 \text{ seconds}$$

c) 40 mins 30 secs      1 min = 60 secs

$$40 \text{ mins } 30 \text{ secs} = 60 \times 40 = 2400 \text{ secs} \\ + 30 \text{ secs} = 2430 \text{ secs}$$

d) ~~1~~ 1 hour 2 mins 30 secs  
 1 hour = 60 mins 1 hour 2 mins = 62 mins

1 min = 60 secs 62 mins 30 secs =

$$= \begin{array}{r} 2 \text{ secs} \\ 37 \cancel{0} \end{array} + 30 \text{ secs} = \underline{3750} \text{ secs}$$

1. a) 450 secs

1 min = 60 secs 1 sec =  $(1 \div 60)$  min

$$\begin{array}{r} 7 \\ 60 \overline{) 450} \\ \underline{- 420} \\ 030 \end{array}$$

$$450 \text{ secs} = (1 \div 60) \text{ min} \times 450 \\ = (450 \div 60) \text{ min}$$

$$= 7 \text{ mins } 30 \text{ secs}$$

b) 540 secs

1 min = 60 secs 1 sec =  $(1 \div 60)$  min

$$540 \text{ secs} = (540 \div 60) \text{ min}$$

$$= 9 \text{ mins}$$

c) 900 secs

1 min = 60 secs 1 sec = (1 ÷ 60) min

$$\begin{array}{r} 15 \\ 60 \overline{) 900} \\ \underline{- 600} \\ 300 \\ \underline{- 300} \\ 0 \end{array}$$

~~900~~ secs = (~~900~~ ÷ 60) min  
= 15 mins

d) 1006 secs

1 min = 60 secs 1 sec = (1 ÷ 60) min

$$\begin{array}{r} 16 \\ 60 \overline{) 1006} \\ \underline{- 600} \\ 406 \\ \underline{- 360} \\ 046 \end{array}$$

1006 secs = (1006 ÷ 60) min  
= 16 mins 46 secs