

Exercise - 15(C)

1. Convert into hours.

a) 8 days

b) 5 days 10 hours

$$1 \text{ day} = 24 \text{ hours}$$

$$1 \text{ day} = 24 \text{ hours}$$

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

$$= 192 \text{ hours.}$$

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

$$= 120 + 10$$

$$= 130 \text{ hours.}$$

c) 10 days 20 hours

d) 6 days 2 hours

$$1 \text{ day} = 24 \text{ hours}$$

$$1 \text{ day} = 24 \text{ hours}$$

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

$$= 240 + 20$$

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

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

$$= 144 + 2$$

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

2. Convert into minutes

a) 3 hours

$$1 \text{ hour} = 60 \text{ minutes}$$

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

$$= 180 \text{ minutes}$$

C.W

b) 2 hours 6 minutes

1 hour = 60 minutes

$$\begin{aligned} &= 2 \text{ hours } 6 \text{ minutes} = 2 \times 60 + 6 \\ &= 120 + 6 \\ &= 126 \text{ minutes} \end{aligned}$$

c) 8 hours 40 minutes.

1 hour = 60 minutes

$$\begin{aligned} &= 8 \text{ hours } 40 \text{ minutes} = 8 \times 60 + 40 \\ &= 480 + 40 \\ &= 520 \text{ minutes} \end{aligned}$$

d) 15 hours 30 minutes

1 hour = 60 minutes

$$\begin{aligned} &= 15 \text{ hours } 30 \text{ minutes} = 15 \times 60 + 30 \\ &= 900 + 30 \\ &= 930 \text{ minutes} \end{aligned}$$

3. Convert into seconds.

a) 6 minutes

1 minutes = 60 seconds

$$\begin{aligned} &= 6 \text{ minutes} = 6 \times 60 \\ &= 36 \text{ seconds} \end{aligned}$$

C.W

b. 2 minutes 4 seconds

$$= 1 \text{ minutes} = 60 \text{ seconds}$$

$$= 2 \text{ minutes } 4 \text{ seconds} = 2 \times 60 + 4$$

$$= 120 + 4$$

$$= 124 \text{ seconds}$$

c. 40 minutes 30 seconds

$$= 1 \text{ minute} = 60 \text{ seconds}$$

$$= 40 \text{ minutes } 30 \text{ seconds} = 40 \times 60 + 30$$

$$= 2400 + 30$$

$$= 2430 \text{ seconds.}$$

d) 1 hour 2 minutes 30 seconds.

$$1 \text{ hour} = 3600 \text{ seconds, } 1 \text{ minutes} = 60 \text{ seconds}$$

$$= 1 \text{ hour } 2 \text{ minutes } 30 \text{ seconds} = 60 \times 60 + 60 \times 2 + 30$$

$$= 3600 + 60 \times 2 + 30$$

$$= 3720 + 30$$

$$= 3750 \text{ seconds.}$$

CW

Date 14/12/21

Page

4 Convert into minutes and seconds.

a) 450 seconds

60 seconds = 1 minute

$$= 450 \text{ seconds} = 450 \div 60$$

$$= 7 \text{ minutes } 30 \text{ seconds.}$$

¶

b) 540 seconds

60 seconds = 1 minute

$$= 540 \text{ seconds} = 540 \div 60$$

$$= 9 \text{ minutes}$$

c) 900 seconds

60 seconds = 1 minute

$$= 900 \text{ seconds} = 900 \div 60$$

$$= 15 \text{ minutes.}$$

C.W

Date 14/12/21
Page

d. 1006 seconds

60 seconds = 1 minute

$$= 1006 \text{ seconds} = 1006 \div 60$$

= 1002 minutes 4 seconds