

PARAGON CONVENT SCHOOL

SECTOR 24 - B CHANDIGARH

CHAPTER TIME ACTIVITY 3

Q1. Convert

a. 8 days 7 hours into hours

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

$$8 \times 24 = 192 + 7 = 199 \text{ hours}$$

b. 15 hours 24 minutes into minutes

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

$$15 \times 60 = 900 + 24 = 924 \text{ minutes}$$

c. 16 minutes 25 seconds into seconds

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

$$16 \times 60 = 960 + 25 = 985 \text{ seconds}$$

d. 7 months 3 weeks into days

$$1 \text{ month} = 30 \text{ days}, 7 \times 30 = 210$$

$$3 \text{ weeks} = 7 \text{ days}, 3 \times 7 = 21$$

$$210 + 21 = 231 \text{ days}$$

e. 2 months 4 days into days

$$1 \text{ month} = 30 \text{ days}$$

$$2 \times 30 = 60 + 4 = 64 \text{ days}$$

f. 2 years 7 months into months

$$1 \text{ year} = 12 \text{ months}$$

$$2 \times 12 = 24 + 7 = 31 \text{ months}$$

Q2 Convert

a. 636 minutes into hours and minutes

1 hour = 60 minutes

$$636 \div 60 = 10 \text{ hours } 36 \text{ minutes}$$

$$\begin{array}{r} \boxed{60} \overline{) 636} \boxed{10} \\ \underline{60} \\ 36 \\ \underline{0} \\ 36 \end{array}$$

b. 360 seconds into minutes and seconds

1 minutes = 60 seconds

$$360 \div 60 = 6 \text{ minutes}$$

c. 55 hours into days and hours

1 day = 24 hours

$$55 \div 24 = 2 \text{ days } 7 \text{ hours}$$

$$\begin{array}{r} \boxed{24} \overline{) 55} \boxed{2} \\ \underline{48} \\ 7 \end{array}$$

d. 765 days into years and days

1 year = 365 days

$$765 \div 365 = 2 \text{ years } 35 \text{ days}$$

$$\begin{array}{r} \boxed{365} \overline{) 765} \boxed{2} \\ \underline{730} \\ 35 \end{array}$$

e. 54 months into years and months

1 year = 12 months

$$54 \div 12 = 4 \text{ years } 6 \text{ months}$$

Activity 4

Q1. Add:

a. 3 hours 42 minutes

+ 12 hours 12 minutes

15 Hours 54 minutes

b. 4 Hours 12 minutes 34 seconds

+ 12 Hours 15 minutes 54 seconds

16 Hours 27 minutes 88 seconds

+ 1 - 60

16 Hours 28 minutes 28 seconds

c. 9 Days 14 hours

+ 5 Days 7 hours

14 Days 21 hours

d. 12 years 7 Months

+ 18 Months

12 years 25 Months

+ 2 - 24

14 years 01 Month

Q2 Subtract

Q2 Subtract

(a) $\begin{array}{r} 5 \text{ hours } 78 \text{ minutes} \\ - 4 \text{ hours } 20 \text{ minutes} \\ \hline 1 \text{ hour } 58 \text{ minutes} \end{array}$ (60+18=78)

(b) $\begin{array}{r} 8 \text{ days } 31 \text{ hours} \\ - 7 \text{ days } 14 \text{ hours} \\ \hline 1 \text{ day } 17 \text{ hours} \end{array}$ (7+24=31)

(c) $\begin{array}{r} 8 \text{ hours } 34 \text{ minutes } 78 \text{ seconds} \\ - 5 \text{ hours } 24 \text{ minutes } 34 \text{ seconds} \\ \hline 3 \text{ hours } 10 \text{ minutes } 44 \text{ seconds} \end{array}$ (60+18=78)

$$\begin{array}{r} \text{(d) } 10 \text{ years } 5 \text{ months} \quad (12+5=17) \\ - 2 \text{ years } 11 \text{ months} \\ \hline 7 \text{ years } 6 \text{ months} \end{array}$$