

H.W

13.1.22

Thu

classmate

Date _____

Page _____

1 g) 11 hrs 45 min into minutes

$$= 11 \times 60 \text{ mt} + 45 \text{ mt}$$

$$= 660 + 45 \text{ mt}$$

$$= 705 \text{ mt}$$

2 e) 12 weeks 10 hours into hour

$$= 12 \times 7 \times 24 \text{ hr} + 10 \text{ hr}$$

$$= 2016 + 10 \text{ hr}$$

$$= 2026 \text{ hr}$$

2 s) 2 years 10 months into months

$$= 2 \times 12 + 10 \text{ months}$$

$$= 24 + 10 \text{ months}$$

$$= 34 \text{ months}$$

g) 3 days 5 hr 30 min into m

$$= 3 \times 24 \times 60 \text{ mt} + 5 \times 60 \text{ mt} + 30 \text{ min}$$

$$= 4320 \text{ mt} + 300 \text{ mt} + 30 \text{ m}$$

$$= 4650 \text{ mt}$$

4 a) 812 seconds into mt and seconds

$$\begin{array}{r} 13 \\ 60 \overline{) 812} \\ \underline{-60} \\ 212 \\ \underline{-180} \\ 32 \end{array}$$

812 sec 13 min and 32 sec

b) 924 mt into hr & mt

$$\begin{array}{r} 15 \\ 60 \overline{) 924} \\ \underline{-60} \\ 324 \\ \underline{-300} \\ 24 \end{array}$$

15 hr and 24 minutes

c) 105 hours into days and hr

$$\begin{array}{r} 4 \\ 24 \overline{) 105} \\ \underline{- 96} \\ 9 \end{array}$$

9 4 days and 9 hours

d) 745 hours into days and hr

$$\begin{array}{r} 31 \\ 24 \overline{) 745} \\ \underline{- 72} \downarrow \\ 25 \\ \underline{- 24} \\ 1 \end{array}$$

1 745 hours = 31 days and 1 hr

e) 1024 minutes in hour

$$\begin{array}{r} 17 \\ 60 \overline{) 1024} \\ \underline{- 60} \downarrow \\ 424 \\ \underline{- 420} \\ 4 \end{array}$$

4 17 hours and 4 minutes

5 a) 512 days into weeks and days

$$\begin{array}{r} 73 \\ 7 \overline{) 512} \\ \underline{-49} \downarrow \\ 22 \\ \underline{-21} \end{array}$$

1 73 weeks and 1 days

b) 365 days into week and days

$$\begin{array}{r} 52 \\ 7 \overline{) 365} \\ \underline{-35} \downarrow \\ 15 \\ \underline{-14} \end{array}$$

1 52 weeks and 1 day

c) 52 months into year and months

$$\begin{array}{r} 4 \\ 12 \overline{) 52} \\ \underline{-48} \end{array}$$

4 4 years and 4 month

d) 86 month into year and months

$$\begin{array}{r} 7 \\ 12 \overline{) 86} \\ \underline{-84} \end{array}$$

2 7 years 2 months

e) 342 days into months and day

$$\begin{array}{r} 11 \\ 30 \overline{) 342} \\ \underline{-30} \downarrow \\ 42 \\ \underline{-30} \end{array}$$

12 11 months 12 days

f) 784 days into months and days.

$$\begin{array}{r} 26 \\ 30 \overline{) 784} \\ \underline{-60} \downarrow \\ 184 \\ \underline{-180} \end{array}$$

4 26 months 4 days.

6 a) 16 hours 600 sec into

$$16 \times 60 \text{ mt} + 600 \div 60 \text{ mt-min}$$

$$= 960 \text{ mt} + 10 \text{ mt} +$$

$$= 970 \text{ mt}$$

b) 9 hours 360 sec into min

$$= 9 \times 60 \text{ mt} + 360 \div 60 \text{ mt}$$

$$= 540 \text{ mt} + 6 \text{ mt}$$

$$= 546 \text{ mt}$$

c) 2 days 180 mt into hours

$$= 2 \times 24 \text{ hours} + 180 \div 60$$

$$= 48 \text{ hours} + 3 \text{ hours}$$

$$= 51 \text{ hours}$$

d) 9 days 420 min into hour

$$= 9 \times 24 \text{ hour} + 420 \div 60 \text{ hour}$$

$$= 216 \text{ hour} + 7 \text{ hour}$$

$$= 223 \text{ hour}$$