

### Exercise - 3

#### **1. Convert into months:**

(a) 9 years

Sol: 1 year = 12 months

So,  $9 \times 12$

= 108 months

(b) 7 years 6 months

Sol: 1 year = 12 months

So,  $7 \times 12 + 6$

=  $84 + 6$

= 90 months

(c) and (d) practice in rough copy

#### **2. Convert into days:**

(a) 6 weeks

Sol: 1 week = 7 days

=  $6 \times 7$

= 42 days

(b) 9 weeks 3 days

Sol: 1 week = 7 days

$$\text{So, } 9 \times 7 + 3$$

$$= 63 + 3$$

$$= 66 \text{ days}$$

(c) and (d) practice in your rough copy.

classmate  
Date \_\_\_\_\_  
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3. Convert into years and months :-

(a) 60 months  
12 months = 1 year  
So,  $60 \div 12$

$$\begin{array}{r} 5 \rightarrow \text{years} \\ 12 \overline{) 60} \\ \underline{-60} \\ 00 \end{array}$$

Ans 5 years

(b) 242 months  
12 months = 1 year  
So,  $242 \div 12$

$$\begin{array}{r} 20 \rightarrow \text{years} \\ 12 \overline{) 242} \\ \underline{-240} \\ 2 \rightarrow \text{months} \end{array}$$

Ans 20 years 2 months

(c) and (d) practice in your rough copy.

4. Convert into weeks and days :-

(a) 96 days

7 days = 1 week  
So,  $96 \div 7$

$$\begin{array}{r} 13 \rightarrow \text{Weeks} \\ 7 \overline{)96} \\ \underline{-91} \\ 5 \rightarrow \text{Days} \end{array}$$

Ans 13 Weeks 5 days

(b) 105 days

7 days = 1 week  
So,  $105 \div 7$

$$\begin{array}{r} 15 \rightarrow \text{Weeks} \\ 7 \overline{)105} \\ \underline{-105} \\ 0 \end{array}$$

Ans 15 Weeks

(c) and (d) practice in rough copy

Exercise - 4

WRITE THIS 24 HOUR TABLE IN YOUR FAIR COPY.

0:00 = 12:00 AM	12:00 = 12:00 PM
1:00 = 1:00 AM	13:00 = 1:00 PM
2:00 = 2:00 AM	14:00 = 2:00 PM
3:00 = 3:00 AM	15:00 = 3:00 PM
4:00 = 4:00 AM	16:00 = 4:00 PM
5:00 = 5:00 AM	17:00 = 5:00 PM
6:00 = 6:00 AM	18:00 = 6:00 PM
7:00 = 7:00 AM	19:00 = 7:00 PM
8:00 = 8:00 AM	20:00 = 8:00 PM
9:00 = 9:00 AM	21:00 = 9:00 PM
10:00 = 10:00 AM	22:00 = 10:00 PM
11:00 = 11:00 AM	23:00 = 11:00 PM

**1. Convert to 24- hour clock time:**

(a) 03:00 a.m.

Ans. 03:00 hours

(b) 05 : 15 a.m.

Ans. 05:15 hours

(c) 10:42 a.m.

Ans. 10:42 hours

( d) 12:15 p.m.

Ans. 12:15 hours

(e) 03:45 p.m.

Ans.  $03:45 + 12:00 = 15: 45$  hour

(f), (g), (h) and (i) practice in rough copy

**2. Convert to 12- hour clock time:**

(a) 05:30 hours

Ans. 05:30 a.m.

(b) 00:25 hour

Ans. 12:25 a.m.

( c) 10:41 hours

Ans.10:41 a.m.

d) 11:58 hours

Ans.11:58 a.m.

f) 14:22 hours

Sol.  $14:22 - 12:00 = 02:22\text{p.m.}$

g) 16:28 hours

Sol.  $16:28 - 12:00 = 04:28\text{ p.m.}$

(e), (h) and (i) practice in your rough copy.