



1 Convert:

a) 15 hrs into minutes

$$\text{Ans } 15 \times 60 = 900 \text{ m}$$

b) 9 hrs 56 min into minutes

$$\text{Ans } 9 \text{ hrs } ~~56~~ \text{ min} \times 60 = 540 + 56 = 596 \text{ mins}$$

c) 36 mins into secs

$$36 \text{ mins} \times 60 = 2160 \text{ secs}$$

d) 12 min 28 sec into seconds

$$12 \times 60 = 720 + 28 = 748 \text{ sec}$$

e) 5 days into hours

$$5 \times 24 \text{ hrs} = 120$$

f) ~~12 days~~ 14 days into hrs

$$12 \times 24 = 288$$

$$14 \times 24 = 336$$

$$288 + 336 = 624$$

g) 11 hrs 45 mins into mins

$$11 \times 60 = 660 + 45 = 705$$

2 Convert:

a) 5 yrs 9 months into months

$$5 \times 12 = 60$$

$$60 + 9 = 69$$

$$69 \text{ months}$$

b) 9 weeks into days

$$9 \times 7 = 63 \text{ days}$$

c) 12 weeks 15 days into days

$$12 \times 7 = 84 + 15 = 99 \text{ days}$$

d) 7 weeks into hrs

$$7 \times 7 = 49 \text{ days} \times 24 = 1176 \text{ hrs}$$

e) 12 weeks 10 hours into hrs

$$12 \times 7 = 84 \text{ weeks} \times 24 = 2016$$

$$2016 + 10 = 2026 \text{ hrs}$$



f) 2 years into months

$$2 \times 12 = 24 + 10 = 34 \text{ months}$$

g) 3 days 5 hours 30 mins into mins

$$101 \times 60 = 6060 + 30 = 6090 \text{ mins}$$

3) Convert

a) 11 days into seconds

$$1 \text{ day} \times 24 = 24 \times 60 = 1440 \times 60 = 86400 \text{ sec}$$

b) 5 weeks into sec

$$5 \times 7 \times 24 \times 60 = 302400 \text{ sec}$$

c) 2 min into sec

$$60 \times 86400 = 5184000 \text{ sec}$$

4) Convert:

a) 812 sec into mins and sec.

$$812 \text{ sec} \div 60 = 13 \text{ mins } 32 \text{ sec}$$

b) 924 minutes into minutes and hour

$$924 \div 60 = 15 \text{ hours } 24 \text{ mins}$$

c) 105 hours into days and hours

$$105 \div 24 = 4 \text{ days } 9 \text{ hours}$$

d) 745 hours into days and hours

$$745 \div 24 = 31 \text{ days } 1 \text{ hour}$$

e) 1024 minutes into hours and min.

$$1024 \div 60 = 17 \text{ days } 4 \text{ mins}$$

5 Convert:

a 512 days into weeks and days

$$512 \div 7 = 73 \text{ weeks } 1 \text{ day}$$

b 365 into weeks and ~~two~~ days

$$365 \div 7 = 52 \text{ weeks } 1 \text{ day}$$

c 52 months into years and months

$$52 \div 12 = 4 \text{ years } 4 \text{ months}$$

d 86 months into years and months

$$86 \text{ months} \div 12 = 7 \text{ years } 2 \text{ months}$$

e 342 days into months and days

$$342 \div 30 = 11 \text{ months } 12 \text{ days}$$

4 784 days into months and days

06 months 4 days

6 Convert:

a 16 hours 600 seconds into minutes

$$16 \times 60 = 960$$

$$600 \div 60 = 10$$

$$960 + 10 = 970 \text{ min}$$

b) 9 hours 360 seconds into minutes

$$9 \times 60 = 540$$

$$360 \div 60 = 6$$

$$540 + 6 = 546 \text{ min}$$

c) 9 days 180 minutes into hours

$$9 \times 24 = 48$$

$$180 \div 60 = 3$$

$$48 + 3 = 51 \text{ hours}$$

d) 9 dogs 420 min into hours

$$9 \times 24 = 216$$

$$420 \div 60 = 7$$

$$216 + 7 = 223 \text{ hours}$$