

# Converting units of time

Convert from smaller to larger units of time and vice versa.



Challenge 1

1 Convert each of these times to minutes.

- a 1 h 40 min
- b 2 h 20 min
- c 4 h 30 min
- d 3 h 16 min

2 Convert each of these times to hours and minutes.

- a 90 min
- b 160 min
- c 200 min
- d 165 min

3 Convert these times to the units given.

a 95 s to minutes and seconds

b 2 min 40 s to seconds

c 3 days to hours

d 50 h to days and hours

e 4 weeks to days

f 40 days to weeks and days

g 6 years to months

h 50 months to years and months

Challenge 2

1 Convert each of these times to minutes.

- a 3 h 25 min
- b 5 h 42 min
- c 10 h 37 min
- d 12 h 14 min
- e 1 day
- f 1 week

2 Convert each of these times to hours and minutes.

- a 250 min
- b 400 min
- c 505 min
- d 1000 min



Challenge 3

1 Copy and complete the table.

Hours (h)	Minutes (min)
0.1	6
0.2	
0.3	
0.4	
0.5	

4 How many:

a seconds in 1 hour?

b minutes in 1 day?

c hours in 1 week?

3 Convert these times to the units given.

a 144 s to minutes and seconds

c 7 days to hours

e 13 weeks to days

g 8 years to months

i 10 years to weeks

5 If your heart beats once every second, how many times will it beat in a day?



- b 9 min 48 s to seconds
- d 75 h to days and hours
- f 130 days to weeks and days
- h 80 months to years and months
- j 100 weeks to years and weeks

2 Convert each of these times to hours and minutes.

- a 3.4 h
- b 2.7 h
- c 5.8 h
- d 3.6 h

3 Convert these times to hours using decimals.

- a 2 h 18 min
- b 7 h 42 min
- c 9 h 54 min
- d 12 h 12 min

4 How long is:

- a 1 million seconds in completed days?
- b 1 million minutes in completed weeks?
- c 1 million hours in completed years?

