

## Conversions and Calculations involving Units of Time



### General Method:

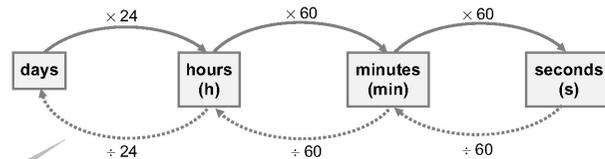
- › **BIG** unit down to a **SMALLER** unit → **MULTIPLY** by the conversion factor
- › **SMALL** unit up to a **BIGGER** unit → **DIVIDE** by the conversion factor



### Conversion diagram:

days → hours → minutes → seconds

big to small ∴ × by conversion factor



This diagram should be committed to memory!

seconds → minutes → hours → days

small to big ∴ ÷ by conversion factor

### Conversion tables:

days to h	× by 24
h to min	× by 60
min to s	× by 60

s to min	÷ by 60
min to h	÷ by 60
h to days	÷ by 24



**NB:** You are also expected to know the following:

- › 1 year = 365 days
- › 1 year = ± 52 weeks
- › 1 month = ± 4 weeks
- › 1 week = 7 days



# Conversions

TIME

## Pop Quiz!

1. How many days in a year?
2. How many minutes in an hour?
3. How many hours in a day?
4. How many seconds in a minute?
5. How many months in a year?
6. How many days in May?
7. How many working days in a week?

