# WALT covert units of time.

# <u>WILF</u>

- Solve problems involving converting between units of time.
- Identify amounts of time in specified minutes, hours, days, weeks, months.









To convert units of time, you need to use your knowledge of timings. So, if it's asking for an answer in seconds, you'll need to convert any minutes into seconds. If it's asking for minutes, hours need to be converted to minutes. Use the last slide as a guide if you need.

Convert the units of time.



3 minutes and 9 seconds

seconds



1 hour and 25 minutes



3 weeks and 1 day

\_\_\_ days

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Convert the units of time.



3 minutes and 9 seconds

seconds

189

1 hour and 25 minutes

**85** minutes



3 weeks and 1 day

22 days

We use our knowledge of months in a year, here. Hint: To calculate the fraction, use your minutes and find the fraction of the amount OR use your knowledge of time - how many minutes is three quarters of an hour? A clock face can help you.

Convert the units of time.



We use our knowledge of months in a year, here. Hint: To calculate the fraction, use your minutes.

## Convert the units of time.



Hint: because months do not have the same number of days in each time, we will use our knowledge of years to help us with this.



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For a question like this one, you need to use your knowledge of minutes, seconds and hours to convert them, then use the operation needed to solve the question.

Ola is taking part in a sponsored silence for charity.

Three of Ola's friends agree to sponsor her for the following amounts:



**Ben** £1 for every 5 minutes



**Michael** £1.50 for every 600 seconds



**Lucie** £2.00 for every quarter of an hour

a) How much will each friend give to Ola after 30 minutes of silence?



### **Converting Units of Time**

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Ola is taking part in a sponsored silence for charity.

Three of Ola's friends agree to sponsor her for the following amounts:



a) How much will each friend give to Ola after 30 minutes of silence?

#### Now have a go at today's activity. Complete one of the three sheets. 1 = unsure, 2 = I feel good, 3 = Give me a challenge!

