# Monday 13<sup>th</sup> July

Year 5: Converting Units of Time



#### Introduction

Draw a line to match each unit of time to the correct answer.

minutes in an hour

hours in a day

days in a week

days in a fortnight

days in a years

months in a year

7

365

60

12

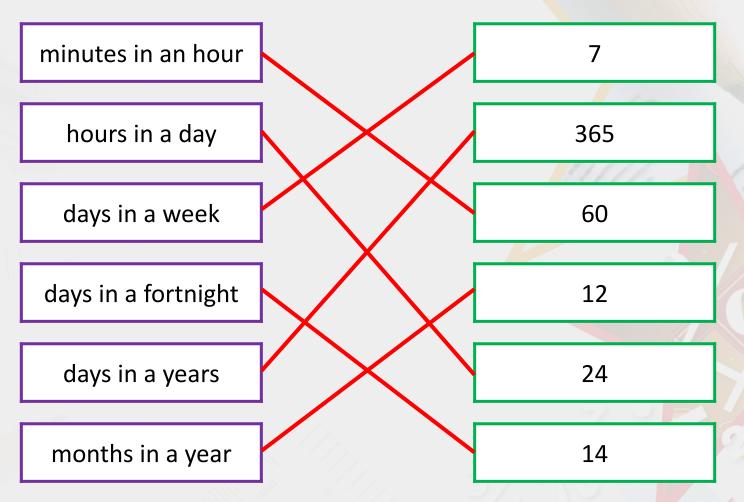
24

14



#### Introduction

Draw a line to match each unit of time to the correct answer.





Match the equivalent times.

300 seconds

4 minutes

240 seconds

3 minutes

180 seconds

5 minutes



Match the equivalent times.

300 seconds

4 minutes

240 seconds

3 minutes

180 seconds

5 minutes

True or False?

8 weeks = 54 days



True or False?

8 weeks = 54 days

False: 8 weeks = 56 days



Complete the statement below.

Α	12 hours 10 minutes
В	20 hours 12 minutes
С	12 hours



Complete the statement below.

Α	12 hours 10 minutes
В	20 hours 12 minutes
С	12 hours



Sort the times into ascending order.

2 years

1 year 4 months

14 months

26 months



Sort the times into ascending order.

14 months

1 year 4 months

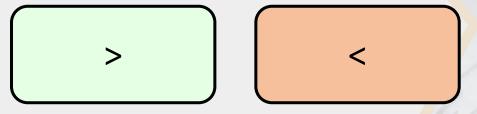
2 years

26 months



# Problem Solving 1

Arrange the cards into a correct number sentence. Find all the possibilities.



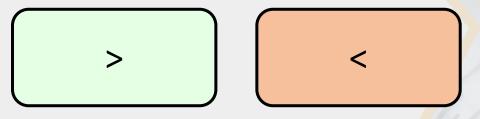
340 minutes

5.5 hours

365 minutes

#### Problem Solving 1

Arrange the cards into a correct number sentence. Find all the possibilities.



340 minutes

5.5 hours

365 minutes

Various possibilities, for example:

340 minutes < 365 minutes > 5.5 hours

340 minutes > 5.5 hours < 365 minutes

365 minutes > 5.5 hours < 340 minutes

5.5 hours < 365 minutes > 340 minutes



## Reasoning 1

# Carly says:



Half term starts in 58 days.

Josh says:



Only 8 weeks to go!

Is Josh correct? Explain your reasoning.



## Reasoning 1

# Carly says:



Half term starts in 58 days.

Josh says:



Only 8 weeks to go!

Is Josh correct?
Explain your reasoning.
Josh is incorrect because...



### Reasoning 1

# Carly says:



Half term starts in 58 days.

Josh says:



Only 8 weeks to go!

Is Josh correct?

Explain your reasoning.

Josh is incorrect because:

There are 7 days in a week.  $7 \times 8 = 56$ 

56 days = 8 weeks

58 days = 8 weeks, 2 days



# Problem Solving 2

Three friends are talking about their pets.

Jamie's rabbit is 68 months old.

Summer's dog is 9.25 years old.

Ryan's cat is 109 months old.

Whose pet is the oldest?



### Problem Solving 2

Three friends are talking about their pets.

Jamie's rabbit is 68 months old.

Summer's dog is 9.25 years old.

Ryan's cat is 109 months old.

Whose pet is the oldest?

Summer's dog is the oldest.

There are 12 months in 1 year.

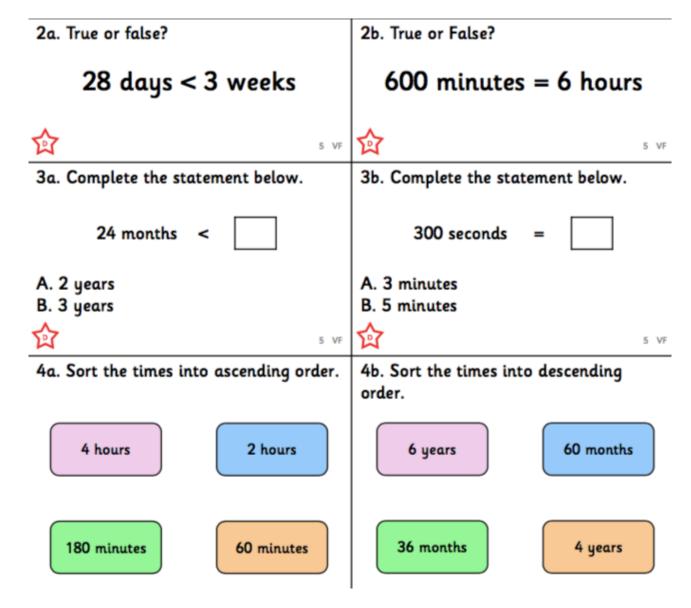
 $9 \times 12 = 108$  so there are 108 months in 9 years.

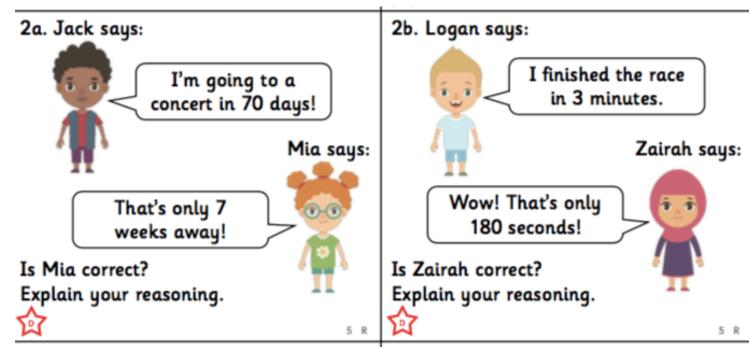
0.25 of 1 year is 3 months. 108 + 3 = 111

Summer's dog is 111 months old.



# Year 5 Developing





3a. Some children at Oakland Primary School are celebrating their birthday.

Cameron is 108 months old.

Kayleigh is 8 years old.

Lee is 84 months old.

Who is the youngest?

3b. Three friends take a nap before they go to a party.

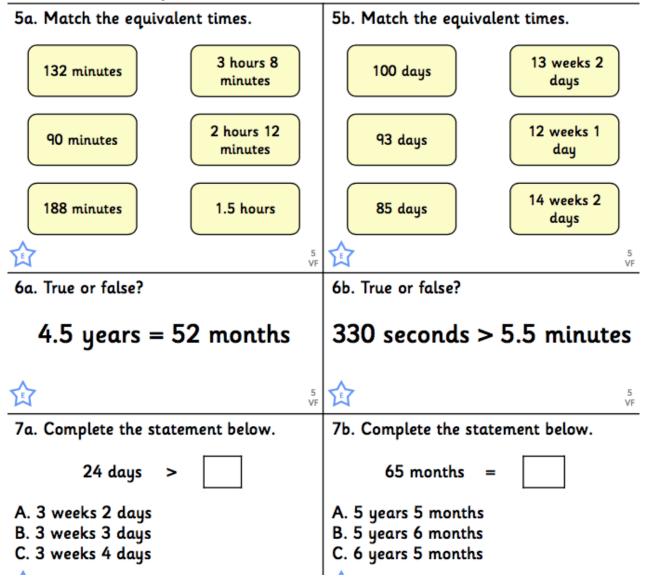
Evie sleeps for 120 minutes.

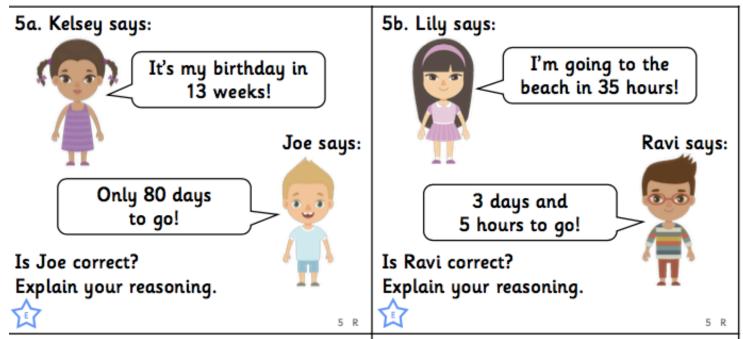
Raheem sleeps for 3 hours.

Leticia sleeps for 240 minutes.

Who has the longest nap?

# Year 5 Expected





6a. Class 5 complete their Ancient Egyptians craft project.

Alfie makes a canopic jar in 2.5 hours.

Chloe makes a paper scroll in 115 minutes.

Lucy makes a pyramid in 2 hours 40 minutes.

Who makes their craft the quickest?

6b. Three children compete in a race.

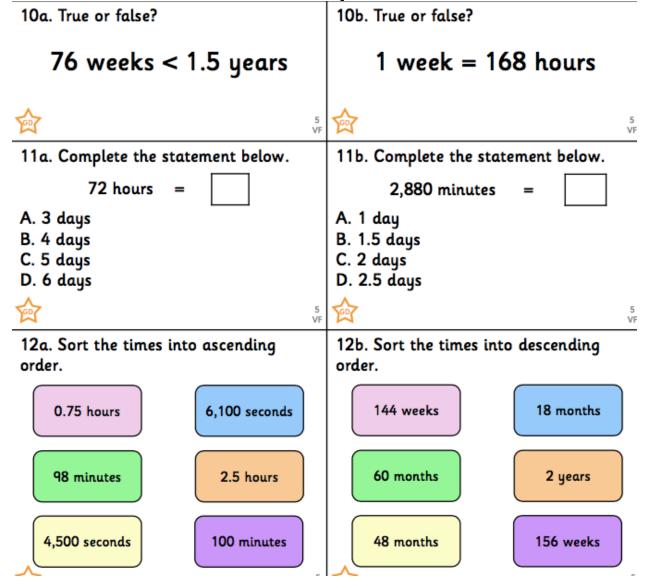
Ella finishes in 4 minutes 8 seconds.

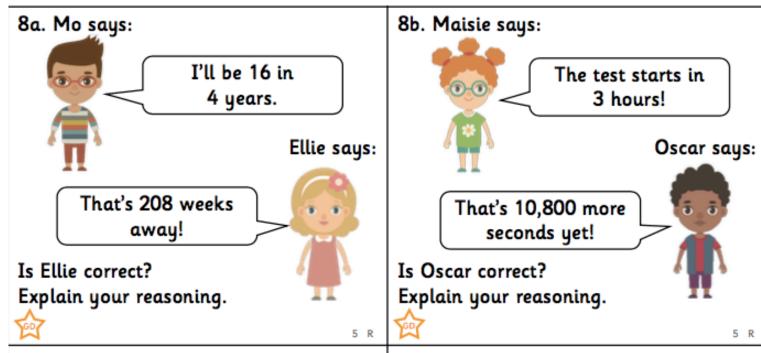
Harry finishes in 252 seconds.

Aamina finishes in 3 minutes 90 seconds.

Who finishes the race last?

# Year 5 Greater Depth





9a. Some children are going away on holiday this summer.

Hanshika is going to Spain for 3 weeks. James is going to Turkey for 26 days. Ellis is going to Florida for 240 hours. Izzy is going to France for 2.5 weeks.

Who is going on the shortest holiday?

9b. Four athletes are training for a world championship tournament.

Shannon has trained for 68 months. Jaiden has trained for 4.75 years. Lexi has trained for 156 weeks. Will has trained for 5.25 years.

Who has trained for the shortest time?