Calculating time

There are two different ways to tell the time: **digital** and **analogue**.

Digital clocks show us the time using numbers.

10:30

Analogue clocks use hands to show us the hours and minutes.

The **little hand** shows the hours.

The **big hand** shows the minutes.

Task 1

Vultures can fly for up to six hours without flapping their wings. Complete the table.

Vulture	Start	End	Time without flapping
A	10:00	1:00	
B	(clock)	(clock)	
C	2:30	5:00	

Task 2

Answer the following questions.

a Which of the vultures (A, B or C) in Task 1 went the longest without flapping their wings? _____

b Vulture D did not flap its wings for 6 hours. It started this at 12.15. Complete the analogue clocks to show the start time and finish time.

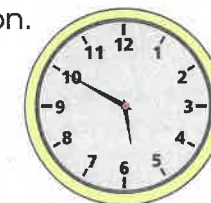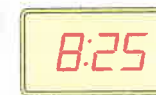Start: (clock)   Finish: (clock)

Task 3

Draw the analogue or digital clocks below to represent the amount of time each vulture had to wait to eat.

Vulture	Start	End	Time waiting to eat
A	1:30	(clock)	3 hours
B	(clock)	(clock)	2 hours 30 minutes
C	(clock)	(clock)	3 hours 25 minutes

Exploring Further ...

Write the times in order from the earliest to latest in number form.

All times are in the afternoon.

8:25   12:40   (clock)   (clock)

Now plunge to pages 44–45 to record what you have learned in your explorer's logbook.