

WALT solve problems using timetables.

This sheet is for Thursday and Friday.

Thursday: please choose your challenge - 1= unsure, 2 = eureka! 3= challenge me.

Friday: Please recap the slides from Thursday if you need to, then complete the next sheet. If you were 'eureka' yesterday, today you will be 'challenge me'. If you were on sheet 3 yesterday, please complete the 'Maths Friday Challenge'.

1)

- 1) Use the bus timetable to answer the questions.

Greengate Lane » Hilltop Road	
	Bus 24
Pizza Restaurant	12:25
DIY Store	12:32
Supermarket	12:40
Police Station	12:44
Cinema	12:58
Car Park	13:03



- a) How many minutes does it take to travel from the pizza restaurant to the cinema?
- b) How many seconds does it take to travel from the cinema to the car park?
- c) The bus is delayed for 540 seconds by roadworks. What time does it get to the police station?

- 2) Use the TV guide timetable to answer the questions.

Channel 34	Channel 23
<b>15:00</b> Ha, Ha! Comedy Show	<b>15:00</b> Tom & Henry Cartoon
<b>15:15</b> Crazy Race Gameshow	<b>15:10</b> Whizz Bang Science Show
<b>15:35</b> Today's News Show	<b>15:25</b> Funny Bones Comedy Show
<b>15:50</b> Danger Dog Cartoon	<b>15:45</b> Brain Busters Gameshow
<b>16:00</b> Eyes on the Past History Documentary	<b>16:15</b> Weather Forecast

- a) How many minutes is the Brain Busters Gameshow on for?
- b) How many seconds is the Danger Dog Cartoon on for?
- c) What TV programme is on at half past three on channel 34?



2)

1) Here is part of a train timetable.



- a) Louis says, "It takes 120 minutes to travel from London Euston to Birmingham New Street on train B."

Is he correct? Explain your answer.

- b) Louis says, "It takes 2000 seconds to travel from London Euston to Rugby on train C."

Is he correct? Explain your answer.

- c) Write two true statements and one false statement about the train timetable. Can your partner identify the incorrect statement?

London Euston » Preston						
	A	B	C	D	E	F
London Euston	13:00	14:05	15:30	15:45	17:30	16:45
Rugby	14:15	15:20	16:05	16:20	-	17:20
Birmingham New Street	15:10	16:15	17:00	17:15	-	18:15

- 3) 1) A ferry service operates every day between two islands.



- There are six ferries.
- Ferries A, C and E start the day on Crystal Island.
- Ferries B, D and F start the day on Sandy Island.
- It takes 80 minutes for each ferry to complete a round trip between the two islands.
- A ferry departs from each island every 10 minutes.
- The first ferries of the day leave each island at 07:00.

Complete the ferry service timetable for the first trips of the day.

	A	B	C	D	E	F
Departs Crystal Island	?	?	?	?	?	?
Arrives Sandy Island	?	?	?	?	?	?
Departs Sandy Island	?	?	?	?	?	?
Arrives Crystal Island	?	?	?	?	?	?

- 2) Can you complete the diagram to show where all the ferries are at 07:30?

