

Have a go at these arithmetic calculations.

$$1. \quad 1 \frac{1}{3} + \frac{5}{6} =$$

$$2. \quad \frac{7}{8} - \frac{3}{4} =$$

$$3. \quad 4891 \times 28 =$$

$$4. \quad 10 - 12 \div 2 =$$

*Complete as many of these as you can in 3 minutes:*


1  $32 \times 4 =$

1 mark

2  $4^3 =$

1 mark

3. Write the number that has six ones, 0 tenths and 5 hundredths.



## Lesson 9

### Learning Question:

Can I read timetables?

### Success Criteria:

- When working out elapsed time; work out the difference in hours and minutes and add them together
- Understand how to read a timetable, looking at both departure and arrival times

## Vocabulary

Time

AM (Ante meridiem)

PM (Post meridiem)

Midday

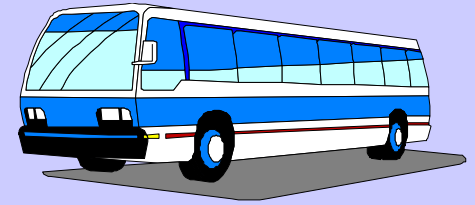
Midnight

Timetable



**Personal Target:** What are you going to focus on today?

# Bus Timetable



Here is a simple Bus Timetable for a Bus that goes from Stirling to Callander via Dunblane and Doune

Place	Time
Stirling	10:00
Dunblane	10:25
Doune	10:45
Callander	11:30

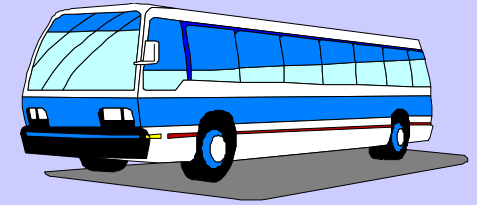
The bus leaves Stirling at **10:00**.

It goes through Dunblane 25 mins later at **10.25**

It goes through Doune at **10.45**

It finally arrives at Callander at **11:30**

# Bus Timetable



Here are the times for the next Bus that goes from Stirling to Callander via Dunblane and Doune

Place	Time
Stirling	1:00
Dunblane	1:25
Doune	1:45
Callander	2:30

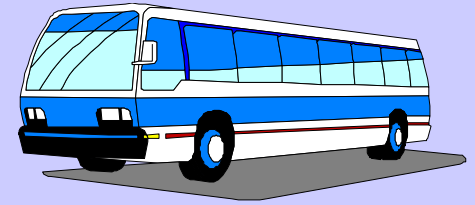
The bus leaves Stirling at **1:00**.

It goes through Dunblane 25 mins later at **1:25**

It goes through Doune at **1:45**

It finally arrives at Callander at **2:30**

# Bus Timetable



Look at the times for this Bus that goes from Stirling to Callander via Dunblane and Doune

Place	Time
Stirling	1:00
Dunblane	1:25
Doune	1:45
Callander	2:30

What time does the bus go through Doune?

CHOOSE AN ANSWER

1:00

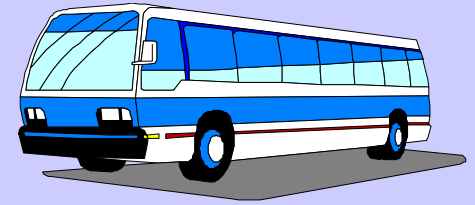
1:25

1:45

2:30

Answer on next page.

# Bus Timetable



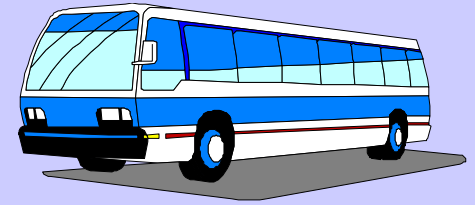
Look at the times for this Bus that goes from Stirling to Callander via Dunblane and Doune

Place	Time
Stirling	1:00
Dunblane	1:25
Doune	1:45
Callander	2:30

What time does the bus go through Doune?

1:45

# Bus Timetable



Look at the times for this Bus that goes from Stirling to Callander via Dunblane and Doune

Place	Time
Stirling	5:00
Dunblane	5:25
Doune	5:45
Callander	6:30

What time does the bus go through Dunblane?

CHOOSE AN ANSWER

5:00

5:25

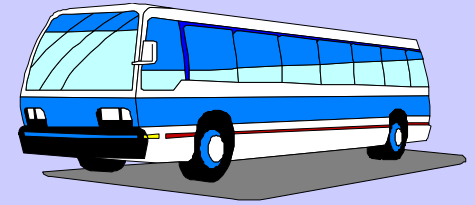
5:45

6:30

Answer on next page.



# Bus Timetable



Look at the times for this Bus that goes from Stirling to Callander via Dunblane and Doune

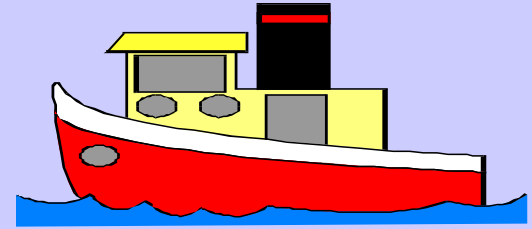
Place	Time
Stirling	5:00
Dunblane	5:25
Doune	5:45
Callander	6:30

What time does the bus go through Dunblane?

CHOOSE AN ANSWER

5:25

# Ferry Timetable



Here are the times for the  
Ferries that go from Gourock  
to Dunoon via Helensburgh

The **First Ferry** leaves Gourock at  
**1:00**.

It goes through Helensburgh 50 mins  
later at **1:50**

It finally arrives at Dunoon at **2:30**

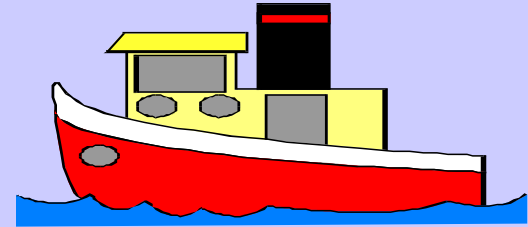
The **Second Ferry** leaves Dunoon at  
**5:00**.

It goes through Helensburgh 1 hour 5  
mins later at **6:05**

It finally arrives at Dunoon at **6:45**

Place	Times	
Gourock	1:00	5:00
Helensburgh	1:50	6:05
Dunoon	2:30	6:45

# Ferry Timetable



Here are the times for the next Ferries that go from Gourock to Dunoon via Helensburgh

The **Next Ferry** leaves Gourock at **6:00**.

It goes through Helensburgh 50 mins later at **6:50**

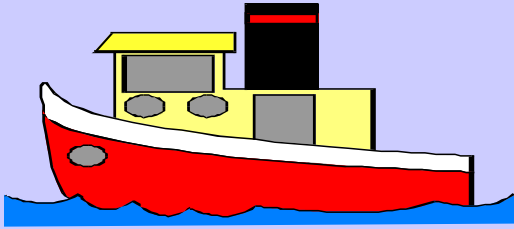
It finally arrives at Dunoon at **7:30**

The **Last Ferry** leaves Dunoon at **9:00**.

It goes through Helensburgh 1 hour 5 mins later at **10:05**

It finally arrives at Dunoon at **10:45**

Place	Times	
Gourock	6:00	9:00
Helensburgh	6:50	10:05
Dunoon	7:30	10:45



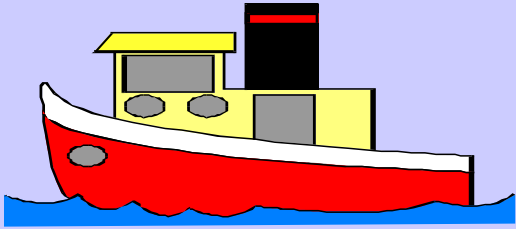
Here is the full timetable

Each colour shows a different ferry sailing

<b>Gourock</b>	<b>1:00</b>	<b>5:00</b>	<b>6:00</b>	<b>9:00</b>
<b>Helensburgh</b>	<b>1:50</b>	<b>6:05</b>	<b>6:50</b>	<b>10:05</b>
<b>Dunoon</b>	<b>2:30</b>	<b>6:45</b>	<b>7:30</b>	<b>10:45</b>

**There are 4 sailings each day from Gourock to Dunoon**

**They leave Gourock at 1:00 5:00 6:00 and 9:00**



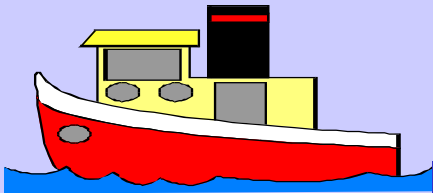
Here is the Sunday Timetable

Each colour shows a different ferry sailing

<b>Gourock</b>	<b>9:00</b>	<b>1:00</b>	<b>6:00</b>
<b>Helensburgh</b>	<b>9:50</b>	<b>2:05</b>	<b>6:50</b>
<b>Dunoon</b>	<b>10:30</b>	<b>2:45</b>	<b>7:30</b>

**There are only 3 sailings on a Sunday**

# SUNDAY TIMETABLE



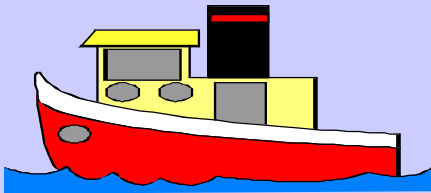
<b>Gourock</b>	<b>9:00</b>	<b>1:00</b>	<b>6:00</b>
<b>Helensburgh</b>	<b>9:50</b>	<b>2:05</b>	<b>6:50</b>
<b>Dunoon</b>	<b>10:30</b>	<b>2:45</b>	<b>7:30</b>

**Can you answer these questions?**

**Answers on the next page.**

- Q1 At what time does the 1<sup>st</sup> Ferry leave Gourock?
- Q2 At what time does the 2<sup>nd</sup> Ferry reach Dunoon?
- Q3 At what time does the 3<sup>rd</sup> Ferry reach Helensburgh?

# SUNDAY TIMETABLE

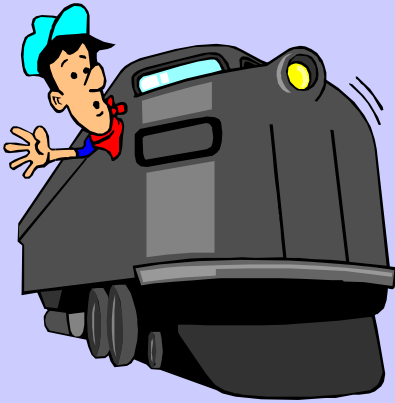


<b>Gourock</b>	<b>9:00</b>	<b>1:00</b>	<b>6:00</b>
<b>Helensburgh</b>	<b>9:50</b>	<b>2:05</b>	<b>6:50</b>
<b>Dunoon</b>	<b>10:30</b>	<b>2:45</b>	<b>7:30</b>

## Answers:

- Q1 At what time does the 1<sup>st</sup> Ferry leave Gourock? **9:00**
- Q2 At what time does the 2<sup>nd</sup> Ferry reach Dunoon? **2:45**
- Q3 At what time does the 3<sup>rd</sup> Ferry reach Helensburgh? **6:50**

# TRAIN TIMETABLE



<b>Lenzie</b>	<b>6:14</b>	<b>7:00</b>	<b>7:55</b>
<b>Bishopbriggs</b>	<b>6:23</b>	<b>7:08</b>	<b>8:03</b>
<b>Glasgow</b>	<b>6:38</b>	<b>7:23</b>	<b>8:18</b>

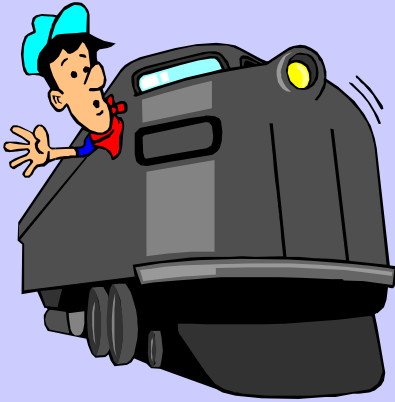
**Can you answer these questions?**

**Answers on the next page.**

- Q1 At what time does the 6:14 Lenzie train reach Glasgow?
- Q2 At what time did the 7:08 Bishopbriggs train leave Lenzie?
- Q3 My train arrives in Glasgow at 8:18. What time did it leave Lenzie?



# TRAIN TIMETABLE

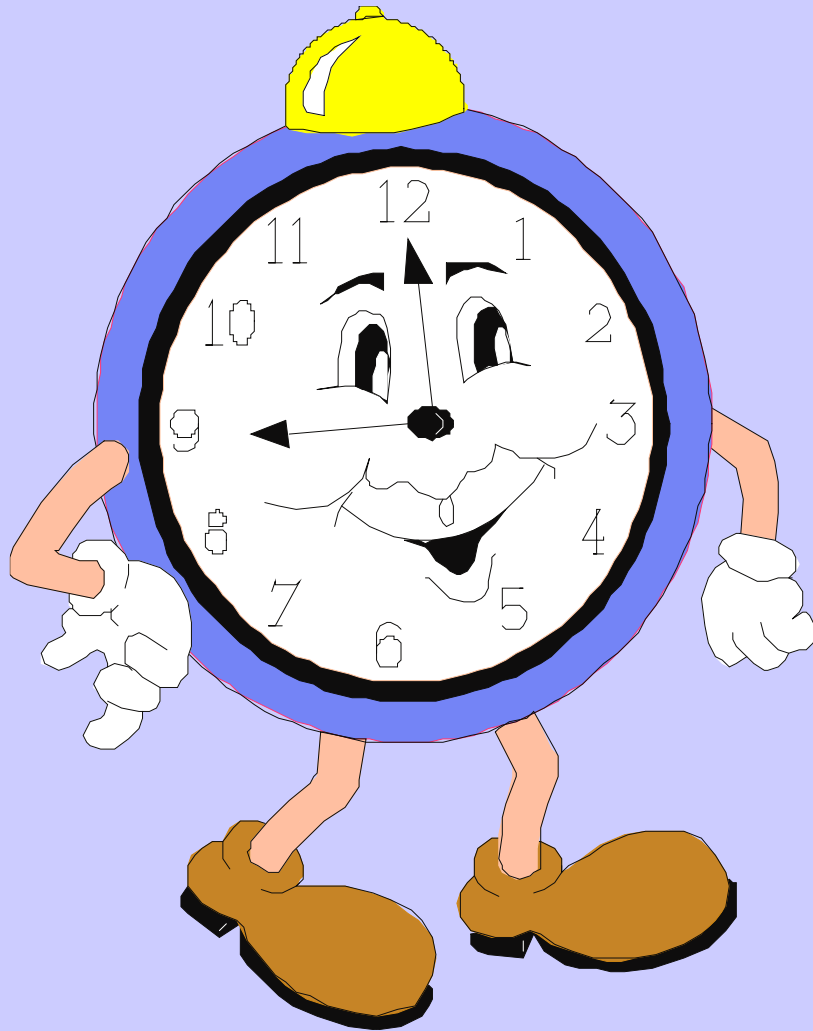


<b>Lenzie</b>	<b>6:14</b>	<b>7:00</b>	<b>7:55</b>
<b>Bishopbriggs</b>	<b>6:23</b>	<b>7:08</b>	<b>8:03</b>
<b>Glasgow</b>	<b>6:38</b>	<b>7:23</b>	<b>8:18</b>

## Answers:

- Q1 At what time does the 6:14 Lenzie train reach Glasgow? **6:38**
- Q2 At what time did the 7:08 Bishopbriggs train leave Lenzie? **7:00**
- Q3 My train arrives in Glasgow at 8:18. What time did it leave Lenzie? **7:55**

I hope you have understood  
all this so far.....

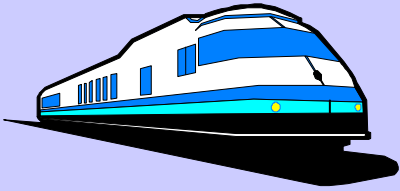


**Now choose one of the  
options below:**

**If you are not sure about  
timetables, go back over the  
examples again.**

**If you understand so far,  
have a go at a few more  
timetable questions on the  
next few pages.**

# TIMETABLE



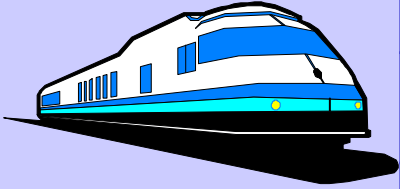
<b>Lenzie</b>	<b>4:30</b>	<b>8:52</b>	<b>9:05</b>
<b>Bishopbriggs</b>	<b>4:38</b>	<b>9:00</b>	<b>9:13</b>
<b>Glasgow</b>	<b>4:53</b>	<b>9:16</b>	<b>9:28</b>

**Can you answer these questions?**

**Answers on the next page.**

- Q1 At what time does the 9:05 Lenzie train reach Glasgow?
- Q2 At what time did the 9:00 Bishopbriggs train leave Lenzie?
- Q3 My train arrives in Glasgow at 4:53. What time did it leave Lenzie?

# TIMETABLE

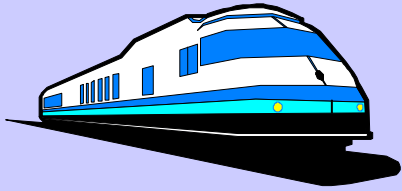


<b>Lenzie</b>	<b>4:30</b>	<b>8:52</b>	<b>9:05</b>
<b>Bishopbriggs</b>	<b>4:38</b>	<b>9:00</b>	<b>9:13</b>
<b>Glasgow</b>	<b>4:53</b>	<b>9:16</b>	<b>9:28</b>

## Answers:

- Q1 At what time does the 9:05 Lenzie train reach Glasgow? **9:28**
- Q2 At what time did the 9:00 Bishopbriggs train leave Lenzie? **8:52**
- Q3 My train arrives in Glasgow at 4:53. What time did it leave Lenzie? **4:30**

# TIMETABLE



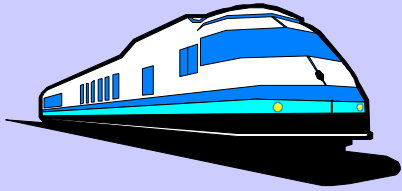
<b>Gourock</b>	<b>6:35</b>	<b>7:45</b>	<b>9:45</b>
<b>Greenock</b>	<b>6:55</b>	<b>7:55</b>	<b>10:50</b>
<b>Glasgow</b>	<b>7:05</b>	<b>8:05</b>	<b>11:05</b>

**Can you answer these questions?**

**Answers on the next page.**

- Q1 At what time does the 9:45 Gourock train reach Glasgow?
- Q2 At what time did the 8:05 Glasgow train leave Gourock?
- Q3 My train arrives in Glasgow at 7:05.  
What time did it leave Greenock?

# TIMETABLE

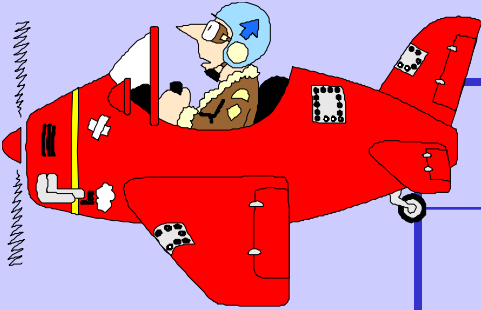


<b>Gourock</b>	<b>6:35</b>	<b>7:45</b>	<b>9:45</b>
<b>Greenock</b>	<b>6:55</b>	<b>7:55</b>	<b>10:50</b>
<b>Glasgow</b>	<b>7:05</b>	<b>8:05</b>	<b>11:05</b>

## Answers:

- Q1 At what time does the 9:45 Gourock train reach Glasgow? **11:05**
- Q2 At what time did the 8:05 Glasgow train leave Gourock? **7:45**
- Q3 My train arrives in Glasgow at 7:05.  
What time did it leave Greenock? **6:55**

# Flight Times to London



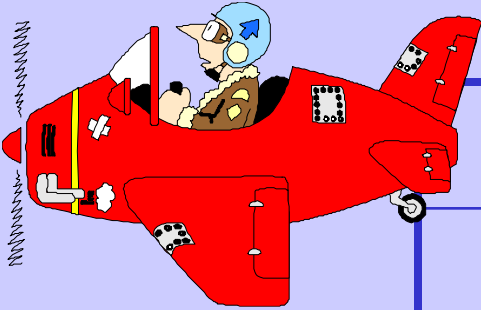
<b>Aberdeen</b>	<b>10:22</b>	<b>2:25</b>	<b>7:01</b>
<b>Newcastle</b>	<b>11:02</b>	<b>3:05</b>	<b>7:45</b>
<b>London</b>	<b>12:01</b>	<b>3:55</b>	<b>8:30</b>

**Can you answer these questions?**

**Answers on the next page.**

- Q1 How many aeroplanes fly from Aberdeen to London?
- Q2 I arrive in Aberdeen at 6:30. How long do I wait for the London plane?
- Q3 My plane arrives in Newcastle at 3:05. When did it leave Aberdeen?

# Flight Times to London



<b>Aberdeen</b>	<b>10:22</b>	<b>2:25</b>	<b>7:01</b>
<b>Newcastle</b>	<b>11:02</b>	<b>3:05</b>	<b>7:45</b>
<b>London</b>	<b>12:01</b>	<b>3:55</b>	<b>8:30</b>

## Answers:

- Q1 How many aeroplanes fly from Aberdeen to London? **3**
- Q2 I arrive in Aberdeen at 6:30. How long do I wait for the London plane? **31 mins**
- Q3 My plane arrives in Newcastle at 3:05. When did it leave Aberdeen? **2:25**



# New York TAXI



<b>JFK Airport</b>	<b>4:30</b>	<b>7:00</b>	<b>8:25</b>	<b>9:22</b>
<b>Newark</b>	<b>5:10</b>	<b>7:50</b>	<b>9:10</b>	<b>10:05</b>
<b>Manhattan</b>	<b>6:20</b>	<b>9:10</b>	<b>10:15</b>	<b>11:25</b>

**Can you answer these questions?**

**Answers on the next page.**

- Q1 How many taxis go from JFK to Manhattan?
- Q2 At what time did the 8:25 JFK taxi get to Manhattan?
- Q3 My taxi arrives in Newark at 10:05. What time will it get to Manhattan?

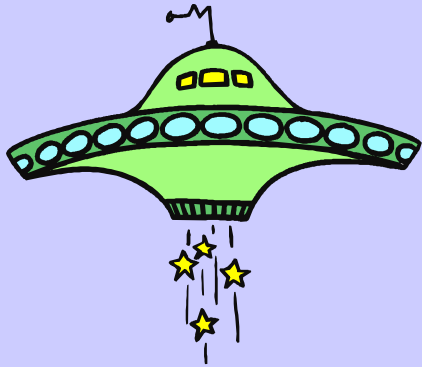
# New York TAXI



<b>JFK Airport</b>	<b>4:30</b>	<b>7:00</b>	<b>8:25</b>	<b>9:22</b>
<b>Newark</b>	<b>5:10</b>	<b>7:50</b>	<b>9:10</b>	<b>10:05</b>
<b>Manhattan</b>	<b>6:20</b>	<b>9:10</b>	<b>10:15</b>	<b>11:25</b>

## Answers:

- Q1 How many taxis go from JFK to Manhattan? **4**
- Q2 At what time did the 8:25 JFK taxi get to Manhattan? **10:15**
- Q3 My taxi arrives in Newark at 10:05. What time will it get to Manhattan? **11:25**



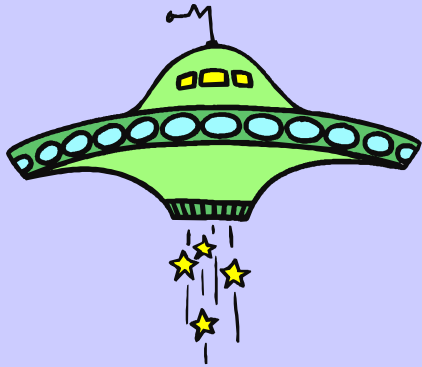
# Zog Express Timetable

<b>Planet Zog</b>	<b>1:34</b>	<b>3:18</b>	<b>8:22</b>
<b>Mars</b>	<b>5:35</b>	<b>7:19</b>	<b>1:24</b>
<b>Earth</b>	<b>5:45</b>	<b>7:25</b>	<b>1:29</b>

**Can you answer these questions?**

**Answers on the next page.**

- Q1 At what time does the 8:22 Zog Express reach Earth?
- Q2 At what time did the 1:24 Mars Express leave Zog
- Q3 Zog Express reaches Earth at 7:25. What time did it leave Zog?

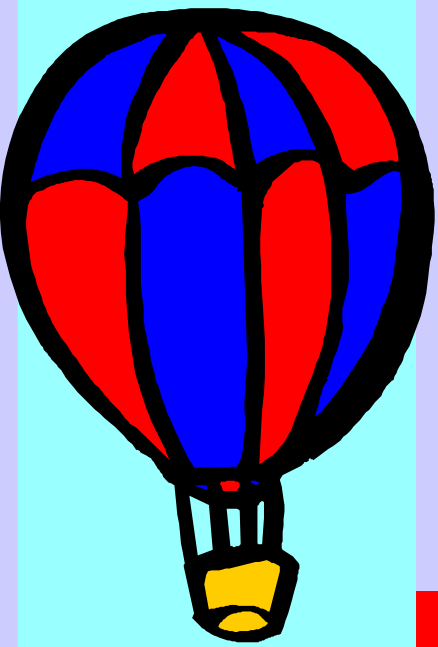


# Zog Express Timetable

<b>Planet Zog</b>	<b>1:34</b>	<b>3:18</b>	<b>8:22</b>
<b>Mars</b>	<b>5:35</b>	<b>7:19</b>	<b>1:24</b>
<b>Earth</b>	<b>5:45</b>	<b>7:25</b>	<b>1:29</b>

## Answers:

- Q1 At what time does the 8:22 Zog Express reach Earth? **1:29**
- Q2 At what time did the 1:24 Mars Express leave Zog **8:22**
- Q3 Zog Express reaches Earth at 7:25. What time did it leave Zog? **3:18**



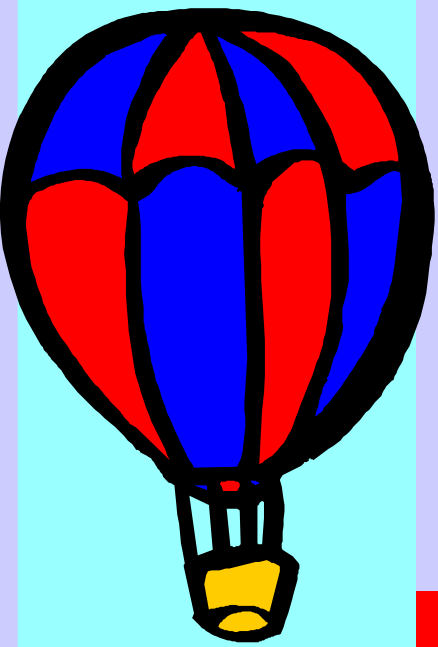
# Balloon Trips TIMETABLE

<b>Ayr</b>	<b>6:35</b>	<b>7:45</b>	<b>9:45</b>
<b>Stranraer</b>	<b>6:55</b>	<b>7:55</b>	<b>10:50</b>
<b>Saltcoats</b>	<b>7:05</b>	<b>8:05</b>	<b>11:05</b>

**Can you answer these question?**

**Answers on the next page.**

- Q1 At what time does the 2<sup>nd</sup> balloon leave Ayr?
- Q2 At what time did the 11:05 Saltcoats balloon leave Ayr?
- Q3 The hot air balloon arrives in Saltcoats at 8:05.  
What time did it pass Stranraer?



# Balloon Trips TIMETABLE

<b>Ayr</b>	<b>6:35</b>	<b>7:45</b>	<b>9:45</b>
<b>Stranraer</b>	<b>6:55</b>	<b>7:55</b>	<b>10:50</b>
<b>Saltcoats</b>	<b>7:05</b>	<b>8:05</b>	<b>11:05</b>

## Answers:

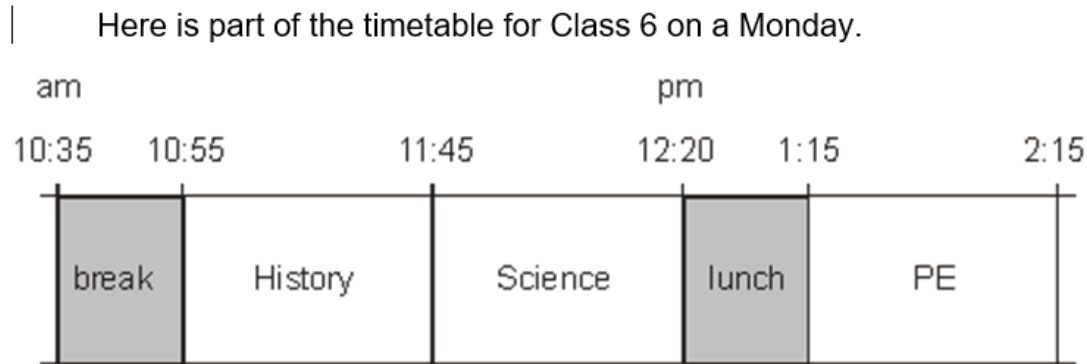
- Q1 At what time does the 2<sup>nd</sup> balloon leave Ayr? **7:45**
- Q2 At what time did the 11:05 Saltcoats balloon leave Ayr? **9:45**
- Q3 The hot air balloon arrives in Saltcoats at 8:05.  
What time did it pass Stranraer? **7:55**

*Your task:*

Complete worksheet on timetables.

## *Plenary:*

When you go to secondary school, you will be given a timetable for your lessons which you will need to be able to read.



Look at the timetable.

How long is it from the **end** of break to the **start** of lunch?

Nisha leaves the Science lesson after 25 minutes.

Then she goes to the dentist.

What time does she leave the Science lesson?