

Target - To use timetables effectively

Name: _____

Success criteria:

- I can understand the 24-hour clock.
- I can use a number line to find out the length of time between two given times.
- I can use the QUACK procedures for solving problems.

QUACK procedures for solving problems:



Q	Understand the <u>Q</u> uestion
U	<u>U</u> nderstand important information
A	<u>A</u> pproximate
C	<u>C</u> alculate
K	Check <u>K</u> the answer

M. Watson

Railway Station	A	B	C	D
Bristol Temple Meads	09:40	10:05	11:05	12:35
Bristol Parkway	09:50	10:15	11:15	12:45
Cheltenham Spa	10:10	10:30	11:30	13:00
Gloucester	10:25	11:45	13:15
Birmingham New Street	10:45	12:05
Birmingham International	11:05	11:20	12:25	13:55
Coventry	11:30	11:55	12:50	14:25

SECTION A

- (1) What time does the 09:40 from Bristol Temple Meads arrive at Coventry?
- (2) Which is the fastest train from Bristol Temple Meads to Coventry?
- (3) At how many stations does the 10:15 from Bristol Parkway stop before it reaches Coventry?
- (4) How long does it take the 13:55 from Birmingham International to reach Coventry?
- (5) You have to arrive at Birmingham International at 2:00 pm. Which train would you catch from Cheltenham Spa?
- (6) You get to Gloucester at 09:30. How long will you have to wait for a train at Coventry?

SECTION B

- (1) Trains E, F, G and H run exactly twelve hours later than trains A, B, C and D. Draw a timetable for them, using 24-hour clock notation.

HOMEWORK

- (1) Design your own timetable, with three trains and six stations. (You do not have to use the stations listed above, and can make up your own names).