

5. Shown is part of the bus timetable from Malton to Highrose.

	Malton → Lugton → Blythe → Fenton → Highrose				
Early Bus	7.10 am	8.20 am	10.30 am	11.15 am	2.00 pm
Late Bus	11.05 am	12.15 am			5.55 pm

- a How long does the early bus take to travel from :-
 (i) Malton to Lugton (ii) Blythe to Fenton (iii) Malton to Highrose ?
- b Assuming that the late bus travels at the same speed as the early bus, when would it be expected to arrive at :-
 (i) Blythe (Hint ! Notice how long the early bus takes from Lugton to Blythe)
 (ii) Fenton ?



6.



A cargo ship leaves Dunbar Harbour at 4.48 am and does not reach its destination till quarter to 6 at night.
 For how long had the ship been at sea ?

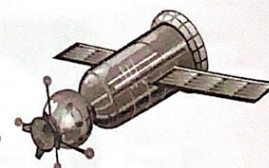
7. A plane leaves Edinburgh Airport at 2150 on Thursday. It touches down in Mexico at 0735 (British time) on Friday.



- a How long did the flight take ?
 On the flight back the plane took the same flight time and left at 0840 (British Time).
 b At what time did the plane arrive at Edinburgh ?

8. A satellite circles the earth. At 0335 it is directly above Cumbernauld. It is then found to be above Cumbernauld again at 0710.

- a Calculate the time taken for 1 complete orbit of the earth.
 b When would you next expect the satellite to be over Cumbernauld ?
 c How many **complete** orbits will it make in a day ?



9.



Joe challenged Penny to see who could paint one side of the fence surrounding the village green quicker.
 Joe started his side at 1045 and completed his task at 1305.
 Penny began to paint the other side at 1350 and finished at 1505.
 Who was quicker and by how many minutes ?