

Name: _____ Date: _____

Statistics

The tables below show the departure and arrival times for buses between London and Bristol.

London to Bristol			
Bus number	Departs	Arrives	Price
LB012	07:15	09:45	£18
LB014	09:00	11:30	£18
LB016	10:30	13:00	£9
LB018	11:45	14:15	£9
LB020	13:00	15:30	£9
LB022	15:15	17:45	£9
LB024	16:30	19:00	£18
LB026	17:45	20:15	£18
LB028	20:00	22:30	£18

Bristol to London			
Bus number	Departs	Arrives	Price
BL013	06:30	09:00	£18
BL015	07:45	10:15	£18
BL017	09:15	11:45	£18
BL019	11:30	14:00	£9
BL021	13:00	15:30	£9
BL023	15:30	18:00	£9
BL025	17:00	19:30	£18
BL027	18:15	20:45	£18
BL029	19:45	22:15	£18

1 How long is the bus journey between London and Bristol?

1
1 mark

2 Complete both tables above to show the arrival times for all the buses departing after 15:00.

2
8 marks

3 How many buses depart Bristol for London each day?

3
1 mark

4 How many buses depart London for Bristol before midday?

4
1 mark

5 Which two bus numbers depart London and Bristol at the same time?

and

5
1 mark

6 How long after the BL015 bus does the BL017 bus depart?

6
1 mark

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Statistics

- 7** Rosa needs to be in London before 11:00.
What is the latest bus she can catch from Bristol?
- 7
1 mark
- 8** Faith arrives at Bristol bus station at 13:15. How long does she need to wait for the next bus to London?
-
- 8
1 mark
- 9** Which bus numbers were travelling at midday?
-
- 9
1 mark
- 10** Exactly halfway through the BL019 bus journey, the bus is caught in a traffic jam. At what time was this?
-
- 10
1 mark
- 11** Marcus lives in Bristol and travels to London for the day. He catches the BL015 to London and the LB028 back home. How much does the round trip cost Marcus?
-
- 11
1 mark
- 12** Buses that depart between 10:30 and 15:30 are half the price of all the other buses. Explain why this might be.
- Answers will vary. Accept any reasonable explanation, for example the: price is likely to be higher at the busier times of day/rush hour.
- 12
2 marks