1999

1 (a) IR£40 is divided between two pupils in the ratio 7:3. How much does each pupil get?

(b) A car journey of 559 kilometres took 6 hours and 30 minutes.
(i) Calculate the average speed, in km/hr, for the journey.

(ii) If the average petrol consumption for the journey was 8.3 kilometres per litre, calculate the number of litres of petrol used, correct to the nearest litre.

(c) A holiday complex consists of three different types of chalet.

Chalet Type	No. of Chalets	No. of people per chalet	Weekly rent per chalet
Type A	12	5	IR£300
Type B	20	6	IR£350
Type C	14	8	IR£450

During one week in July all chalets are fully occupied.
(i) Calculate the number of people staying in the chalets at the holiday complex that week.

(ii) Calculate the total amount of rent paid for that week.

In the last week of September, a 35% discount is offered on the weekly rent of a type C chalet. Calculate the weekly rent on a type C chalet for the last week in September.

ANSWERS
1 (a) £28; £12
(b) (i) 86 km/hr (ii) 67
(c) (i) 292 (ii) £16,900; £292.50