



It costs £40 to hire a car for the first day, then £15 per extra day.

How much does four days cost?

$$40 + 15 \times 3 \\ = 40 + 45$$

£85

Tahir has £60

He gives  $\frac{1}{4}$  to his mum £15

He gives  $\frac{2}{3}$  to his friend £40

Tahir keeps the rest.

How much money is Tahir left with?

£5

Sean is recording information about the cars that he is selling.

Put a cross in the box to indicate whether each of the following is discrete or continuous data.

The length of the car

Discrete

Continuous

The number of doors

Discrete

Continuous

The first 5 terms of a sequence are

2 8 14 20 26

Find the nth term

$$6n - 4$$

The price of a new car is £27000

In a sale, the price is reduced by 30%

Brodie buys the car in the sale.

He pays a £8000 deposit and pays the rest over 50 monthly payments.

Find the cost of each monthly payment.

$$10\% = £2700$$

$$30\% = £8100$$

$$27000 - 8100 = £18900$$

$$£18900 - £8000 = £10900$$

$$10900 \div 50 = £218$$