

Name: \_\_\_\_\_

Exam Style Questions

## Regular Payments



Corbettmaths

Equipment needed: Calculator, pen

### Guidance

1. Read each question carefully before you begin answering it.
2. Check your answers seem right.
3. Always show your workings

Video Tutorial

[www.corbettmaths.com/contents](http://www.corbettmaths.com/contents)

Video 400d



Answers and Video Solutions



1. Luis bought a new washing machine.



He paid a deposit of £300.

Luis then paid £40 each month for the next 6 months.

How much did he pay in total?

$$6 \times 40 = 240$$

$$300 + 240 = 540$$

£ 540  
.....  
(2)

2. Holly is saving money for a concert ticket that costs £108



Holly has £52 and she will save £8 each week.

How many weeks will it take Holly to save enough money?

$$108 - 52 = 56$$

$$56 \div 8$$

7 weeks  
.....  
(2)

3.

Clodagh bought a car.



She paid a deposit of £3900 and 48 monthly payments of £400

How much did the car cost Clodagh in total?

$$\begin{array}{r} 400 \\ \times 48 \\ \hline 19200 \end{array}$$

$$19200 + 3900 = 23100$$

£ 23100  
.....  
(3)

4.

Emily's car insurance will cost £1280



She pays a deposit of £430 and then pays 10 equal monthly payments.

How much is each monthly payment?

$$\begin{array}{r} 1280 \\ - 430 \\ \hline 850 \end{array}$$

$$850 \div 10 = 85$$

£ 85  
.....  
(3)

5. A holiday costs £1670



Lorenzo will pay a deposit of £250

He will then pay the rest of the cost in 8 equal monthly payments.

Work out the amount of each monthly payment.

$$1670 - 250 = 1420$$

$$1420 \div 8 = \pounds 177.50$$

£ 177.50  
(3)

6. Florence buys a car for £17100



She pays a deposit of £6750 and pays the rest in equal monthly payments.  
Each monthly payment is £230

How many monthly payments does Florence make?

$$17100 - 6750 = 10350$$

$$10350 \div 230 = 45$$

45

(3)

7. Mr. Higgins buys a snooker table for £5000



He pays a deposit of 30%

(a) Work out how much Mr. Higgins pays as a deposit.

$$10\% \text{ of } 5000 = 500$$
$$30\% \text{ of } 5000 = 1500$$

£ 1500 .....

(2)

Mr. Higgins pays the rest of the cost in 10 equal monthly payments.

(b) Work out how much Mr. Higgins pays each month.

$$5000 - 1500 = 3500$$

$$3500 \div 10$$

£ 350 .....

(2)

8. Henry buys a new computer that costs £1800



He pays a 15% deposit.

Henry pays the rest of the cost in 12 equal monthly payments.

How much is each monthly payment?

$$1800 \div 100 = 18$$

$$18 \times 15 = 270$$

$$1800 - 270 = 1530$$

$$1530 \div 12 = 127.50$$

£.....  
127.50  
(4)

9. Ranjit buys a caravan.



The caravan costs £23500 plus VAT at 20%

Ranjit pays a deposit of £7000 and the rest in 40 equal monthly payments.

How much is each monthly payment?

$$23500 \div 100 = 235$$

$$235 \times 20 = 4700$$

$$23500 + 4700 = 28200$$

$$28200 - 7000 = 21200$$

$$21200 \div 40 = 530$$

£.....  
530  
(4)

10. Charlotte and Bethan buy a camper van.



The camper van costs £18000

Charlotte pays the deposit and Bethan makes 32 equal monthly payments.

The ratio of the total amount Charlotte paid to the total amount Bethan paid is 2 : 3

Work out how much Bethan paid each month.

$$2 + 3 = 5$$

$$18000 \div 5 = 3600$$

$$3600 \times 2 = 7200 \quad \text{Charlotte}$$

$$3600 \times 3 = 10800 \quad \text{Bethan}$$

$$10800 \div 32 = \pounds 337.50$$

337.50  
£.....  
(4)