

30th October

Corbettmaths

Amie sells cars.

She is paid £9 an hour and is paid a £50 bonus for each car sold.

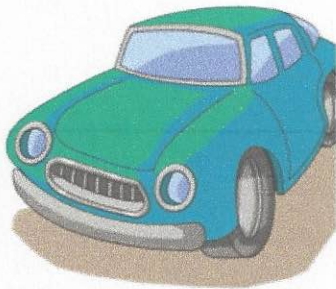
One week, Amie worked for 6 hours and sold 3 cars.

How much was her pay?

$$6 \times 9 = £54$$

$$3 \times 50 = 150$$

$$£204$$

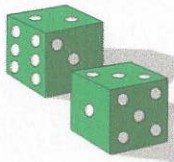


The next week, Amie was paid £295.

How many hours did she work and how many cars did she sell?

Hours 5 Cars 5

Two fair six sided dice are rolled.



The numbers on the two dice are **multiplied** together to give a score. Complete the table

		Dice 1					
		1	2	3	4	5	6
Dice 2	1	1	2	3	4	5	6
	2	2	4	6	8	10	12
	3	3	6	9	12	15	18
	4	4	8	12	16	20	24
	5	5	10	15	20	25	30
	6	6	12	18	24	30	36

Find the probability of a score of 8

$$\frac{2}{36} = \frac{1}{18}$$

Find the probability of a score of 8 or more

$$\frac{22}{36} = \frac{11}{18}$$

14 17 20 23

Work out the n th term and 100th term

$$n^{\text{th}} \text{ term: } 3n + 11$$

$$100^{\text{th}} : 311$$