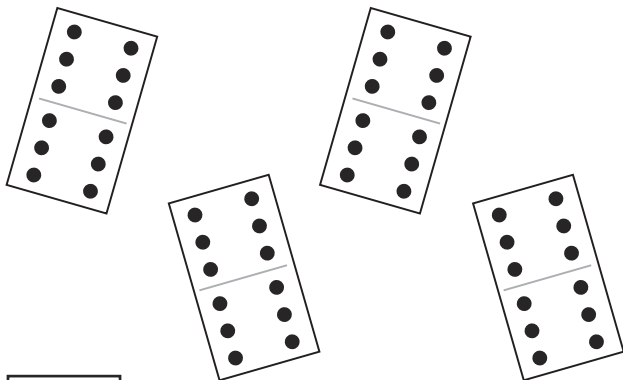


6 Times Table Maths Mastery Mat Answers

How many spots are there altogether?



48

If you need 6 lolly sticks to make one hexagon, how many hexagons can you make with 24 lolly sticks?

4 hexagons

Create a fact family using 9, 54 and 6.

$$9 \times 6 = 54$$

$$6 \times 9 = 54$$

$$54 \div 6 = 9$$

$$54 \div 9 = 6$$

Complete the table.

60 minutes = 1 hour

Minutes	Hours
120	2
600	10
420	7

Do you agree or disagree?

Explain your answer.

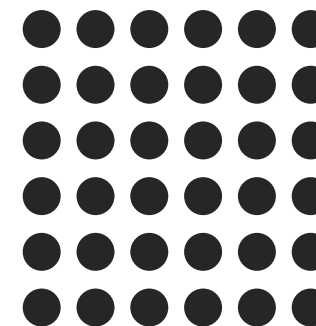
Agree because if you double 3, you get 6 so if you double the answer to a 3 times table fact, it will give the answer to the same fact from the 6 times table.

For example, $5 \times 3 = 15$ so $5 \times 6 = 30$.

Double 15 equals 30.

Draw an array to match this calculation.

$$6 \times 6 = 36$$



6 Times Table Maths Mastery Mat **Answers**

In January, the average temperature in London is 8°C.

In Dubai, the temperature is 6 times warmer.

What is the average temperature in Dubai in January?

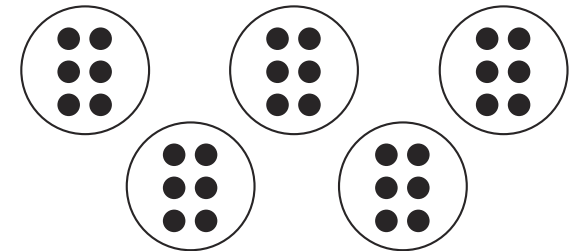
48°C

Explain why the statement above is possible.

It is possible as you can use the 6 times table fact of $8 \times 6 = 48$ and scale the 8 and 6 up by 10. Therefore, the new answer will be 100 times the size of the original answer.

Draw a model to represent this sentence.

There are 5 equal groups of 6.



There are **30** altogether.

Fill in the numbers in the missing boxes.

$$54 \div \boxed{6} = 9$$

$$\boxed{3} \times 6 = 18$$

$$\boxed{72} = 12 \times 6$$

A chicken lays 6 eggs a day.

How many eggs does it lay in a week?

42 eggs

Complete the multiplication pyramid.

