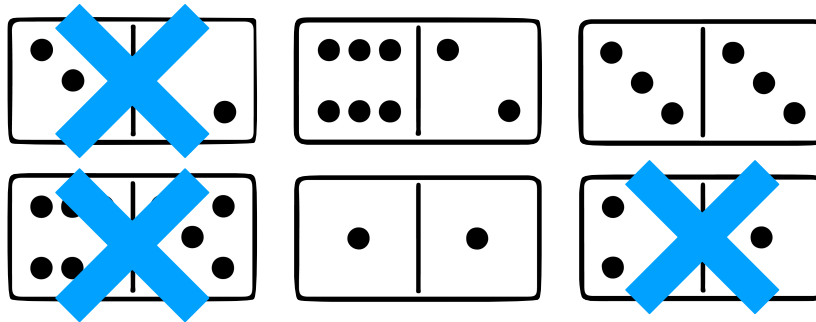


I am finding dominoes that have an **even** number of spots.
Which dominoes don't belong?

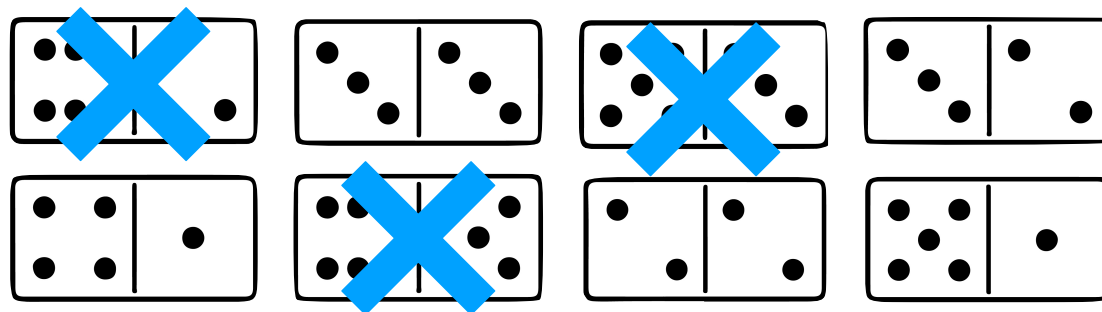


Name/s: _____

MATHS
QUEST

1

I am finding dominoes that have **fewer than 8** spots.
Which dominoes don't belong?

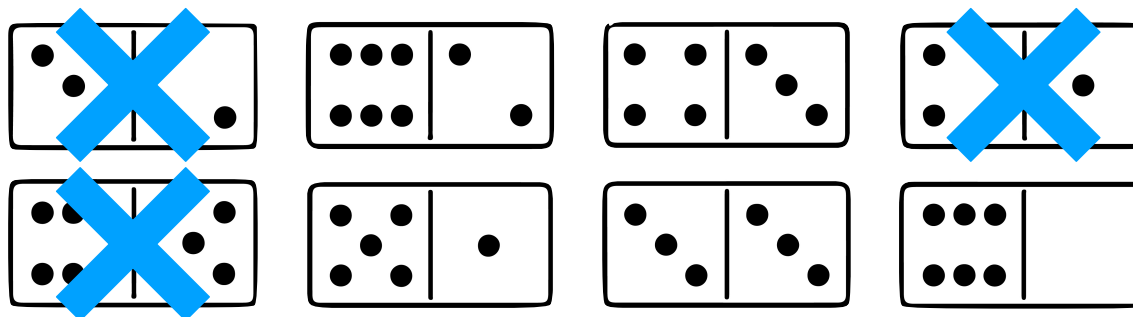


Name/s: _____

MATHS
QUEST

2

I am finding dominoes that have **from 6 up to 8** spots.
Which dominoes don't belong?

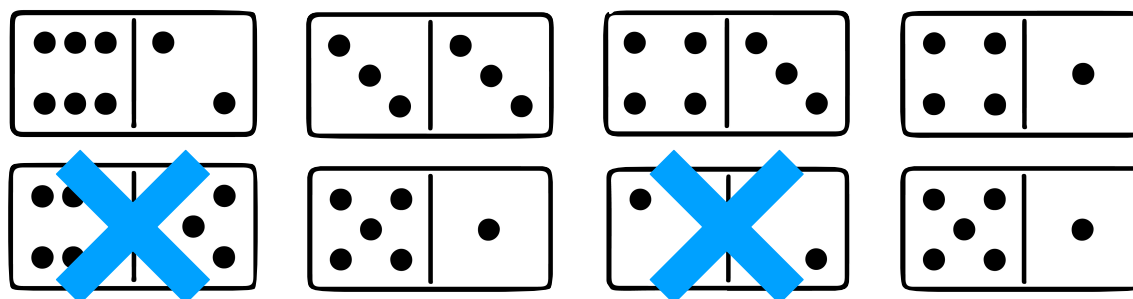


Name/s: _____

MATHS
QUEST

3

I am finding dominoes that have **from 5 up to 7** spots.
Which dominoes don't belong?



Name/s: _____

MATHS
QUEST

4

Look at the number of spots on a set of dominoes.

You might **not** need all the frames.

How many dominoes have a total of **4** spots?

3

Name/s: _____

MATHS
QUEST

5

Look at the number of spots on a set of dominoes.

You might **not** need all the frames.

How many dominoes have a total of **6** spots?

4

Name/s: _____

MATHS
QUEST

6

I am finding dominoes that _____. Which dominoes belong?

I am finding dominoes that _____. Which dominoes **don't** belong?

Name/s: _____

MATHS
QUEST

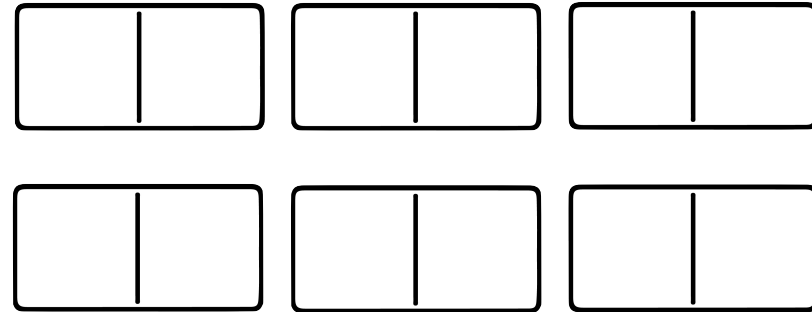
7

Look at the number of spots on a set of dominoes.

You might **not** need all the frames.

How many dominoes have a total of **8** spots?

3



Name/s: _____

MATHS
QUEST

8

Use **one** set of dominoes. Find pairs of dominoes that have a **total of 6 spots**.

You might **not** need all the frames.

A domino **can't** be in more than one pair. How do you know you've found as many pairs as possible?

$$\begin{array}{|c|c|} \hline & \\ \hline \end{array} + \begin{array}{|c|c|} \hline & \\ \hline \end{array} = 6$$

$$\begin{array}{|c|c|} \hline & \\ \hline \end{array} + \begin{array}{|c|c|} \hline & \\ \hline \end{array} = 6$$

5 pairs can be made

Once the 0, 1, 2 and 3 value dominoes have been matched with a partner, there are no other dominoes that can combine to make 6.

= 6

= 6

Name/s: _____

MATHS
QUEST

9

Use **one** set of dominoes. Find pairs of dominoes that have a **total of 8 spots**.
A domino **can't** be in more than one pair. How do you think you can make 8?

You might **not** need all the frames.

$$\begin{array}{|c|c|} \hline \square & \square \\ \hline \end{array} + \begin{array}{|c|c|} \hline \square & \square \\ \hline \end{array} = 8$$

$$\begin{array}{|c|c|} \hline \square & \square \\ \hline \end{array} + \begin{array}{|c|c|} \hline \square & \square \\ \hline \end{array} = 8$$

$$\begin{array}{|c|c|} \hline \square & \square \\ \hline \end{array}$$

$$\begin{array}{|c|c|} \hline \square & \square \\ \hline \end{array}$$

5 pairs can be made

The 2 and 3 value dominoes can be matched with a partner to make 8. This will make 4 pairs.



There are 3 dominoes with the value of 4. Two can be matched to make 1 pair. The left over will have no match.



$$\begin{array}{|c|c|} \hline \square & \square \\ \hline \end{array} = 8$$

$$\begin{array}{|c|c|} \hline \square & \square \\ \hline \end{array} = 8$$

Name/s: _____

MATHS
QUEST



I made a pile of dominoes that had two even numbers, like 2 and 6.
I also made a pile of dominoes that had two odd numbers, like 1 and 5.
How many dominoes don't belong in either pile?

12 dominoes

There are 12 dominoes with an odd and even number.

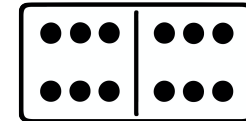
Name/s: _____

MATHS
QUEST



Here is the double 6 domino.

Find all the other dominoes I can put with it to make a total of **more** than **18** spots altogether.



11

Name/s: _____

MATHS
QUEST

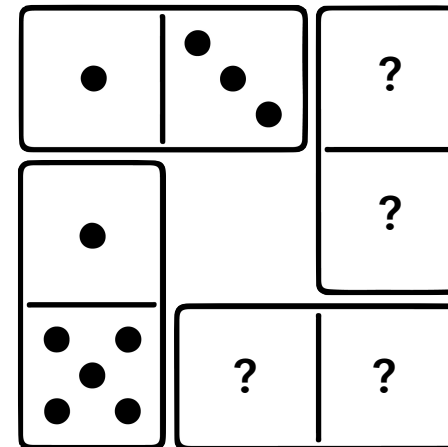
12

Take these two dominoes from a set to start this domino square.
The place where the Dominoes touch **must** be the **same** number.

Use the rest of the set to find all the pairs that could complete it.

5 sets of pairs

03, 05	34, 45
23, 25	36, 56
33, 35	



Name/s: _____

MATHS
QUEST

13

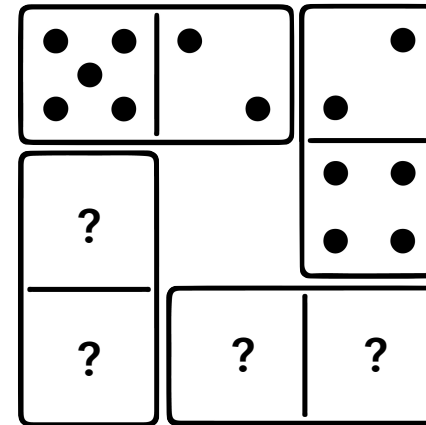
Take these two dominoes from a set to start this domino square.
The place where the Dominoes touch **must** be the **same** number.

Use the rest of the set to find all the pairs that could complete it.

5 sets of pairs

04, 05	44, 45
14, 15	46, 56
34, 35	

Name/s: _____



MATHS
QUEST

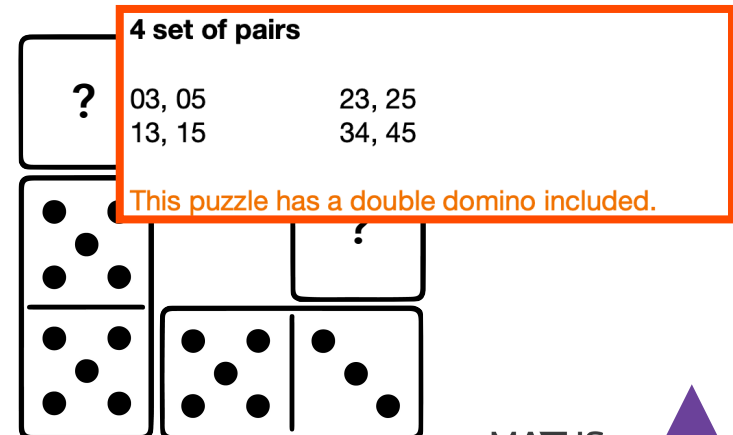
14

Take these two dominoes from a set to start this domino square.
The place where the Dominoes touch **must** be the **same** number.

Use the rest of the set to find all the pairs that could complete it.

Challenge: Why does this domino square have fewer set of pairs that can complete it?

Name/s: _____



4 set of pairs

03, 05	23, 25
13, 15	34, 45

This puzzle has a double domino included.

MATHS
QUEST

15