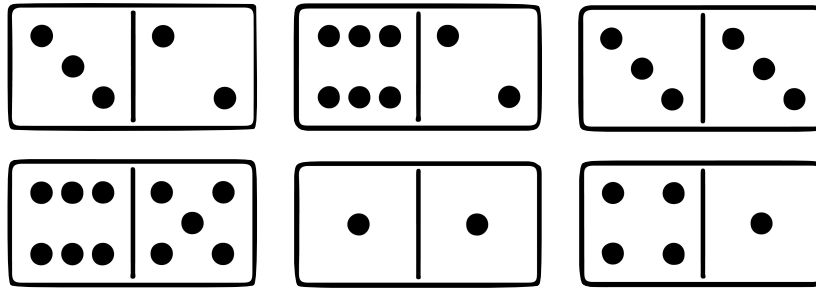


I am finding dominoes that have an **even** number of spots.
Which dominoes don't belong?

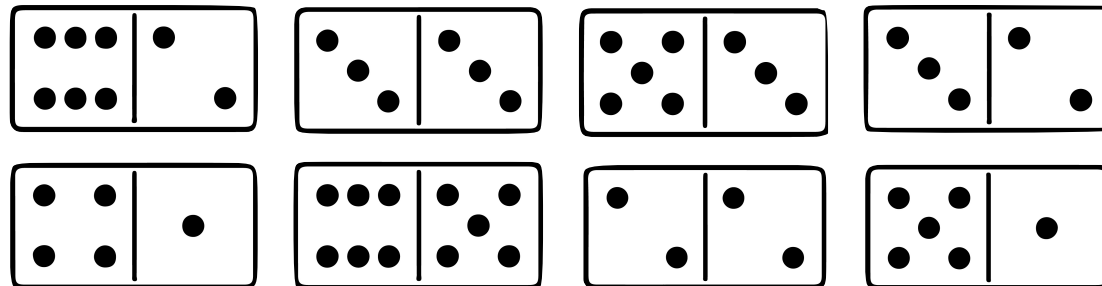


Name/s: _____

MATHS
QUEST

1

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

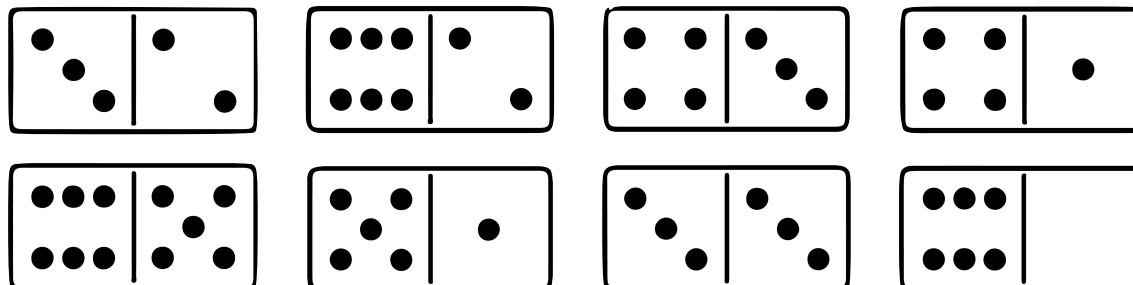


Name/s: _____

MATHS
QUEST

2

I am finding dominoes that have **between 5 and 9** spots.
Which dominoes don't belong?

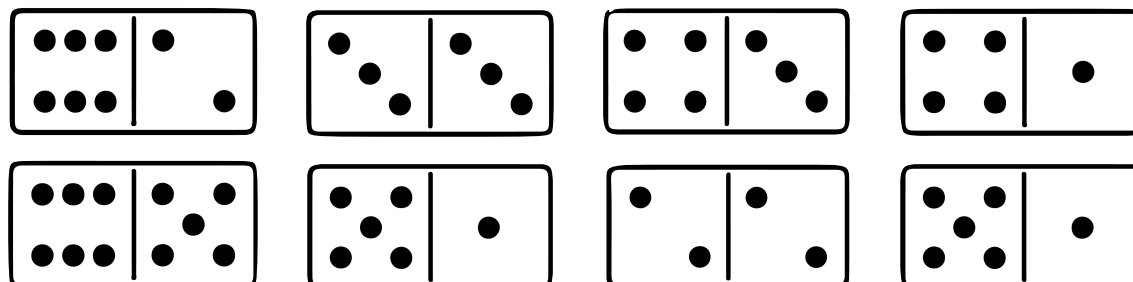


Name/s: _____

MATHS
QUEST

3

I am finding dominoes that have **between 4 and 8** 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?

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?

?	?
---	---

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?

?	?
---	---

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?

<table border="1" style="display: inline-table; width: 60px; height: 40px;"></table> + <table border="1" style="display: inline-table; width: 60px; height: 40px;"></table> = 6	<table border="1" style="display: inline-table; width: 60px; height: 40px;"></table> + <table border="1" style="display: inline-table; width: 60px; height: 40px;"></table> = 6	<table border="1" style="display: inline-table; width: 60px; height: 40px;"></table> + <table border="1" style="display: inline-table; width: 60px; height: 40px;"></table> = 6
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Name/s: _____

**MATHS
QUEST**

9

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

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 know you've found as many pairs as possible?

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

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

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

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

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

Name/s: _____

MATHS
QUEST

10

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?

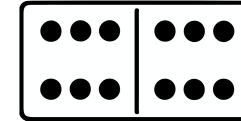
Name/s: _____

MATHS
QUEST

11

Here is the double 6 domino.

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



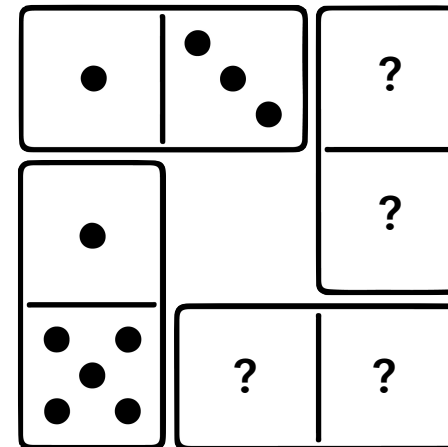
Name/s: _____

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.



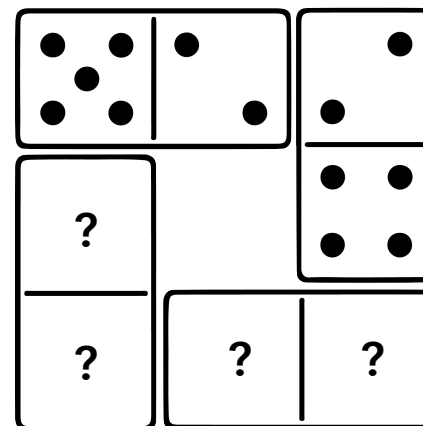
Name/s: _____

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.



Name/s: _____

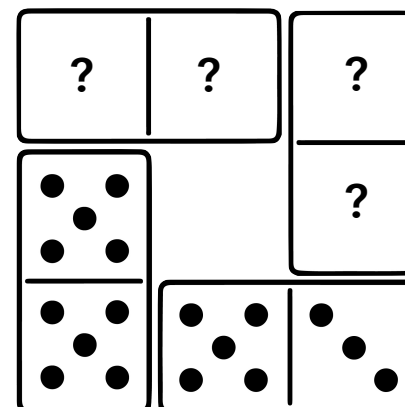
MATHS
QUEST

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: _____

MATHS
QUEST

15