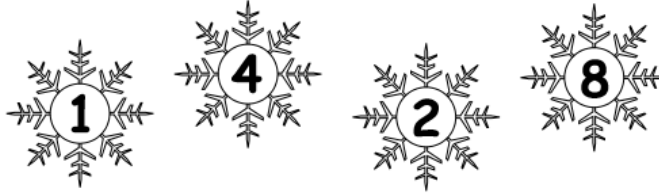## KS1 (Year 1 & 2)

Choose from these numbers.

1   4   2   8

1.   Pick a pair of numbers. Add them together. Write the numbers and the answer.
      Pick a different pair of numbers. Write the numbers and the answer.
      Keep doing it. How many different answers can you get?
2.   Now take away one number from the other.
      How many different answers can you get now?
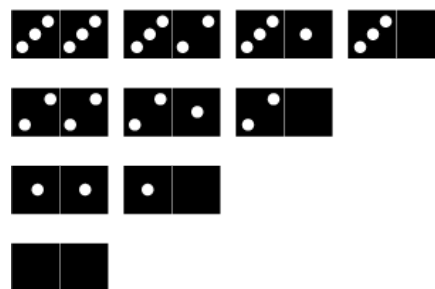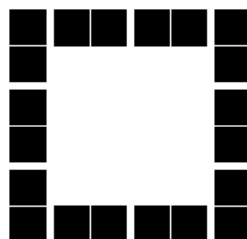
LKS2 (Year 3 & 4)

Some Tripods and Bipods flew from planet Zeno. There were at least two of each of them.
Tripods have 3 legs. Bipods have 2 legs. There were 23 legs altogether.
How many Tripods were there? How many Bipods?
Find two different answers.

UKS2 (Years 5 & 6)

These are the 'double-3 down' dominoes.

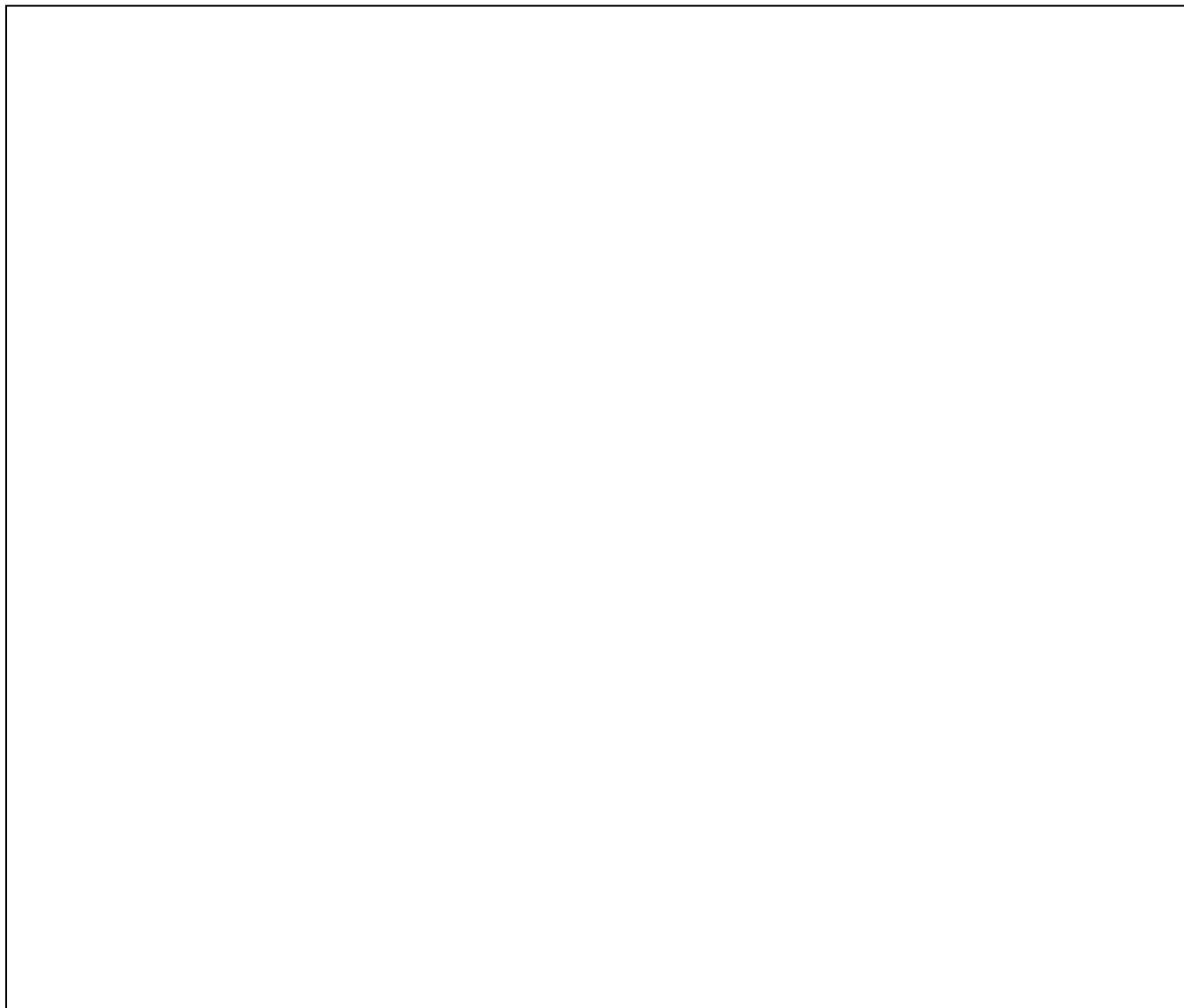Use these dominoes to make this square so that each side has eight dots.

Remember you can work the challenge out any way you would like to: draw pictures, use materials like buttons as counters, count in your head… Just make sure you show this on your solution paper!

Name: _____ Year: _____

Working out space:

Now explain how you solved the problem!

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Remember you can work the challenge out any way you would like to: draw pictures, use materials like buttons as counters, count in your head… Just make sure you show this on your solution paper!

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