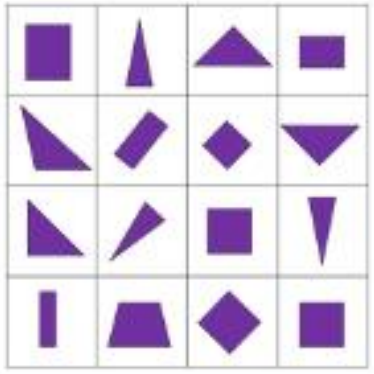
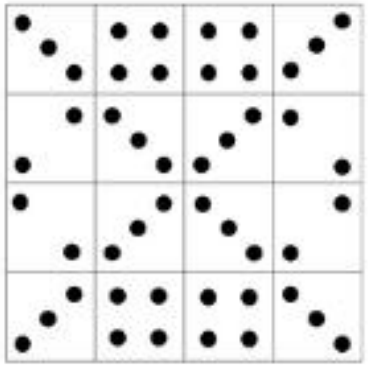
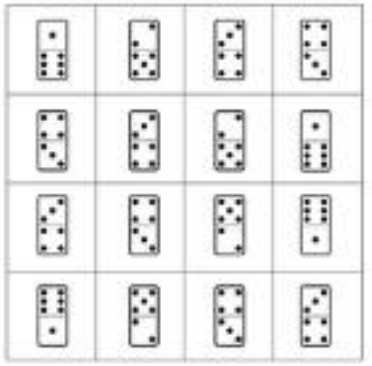
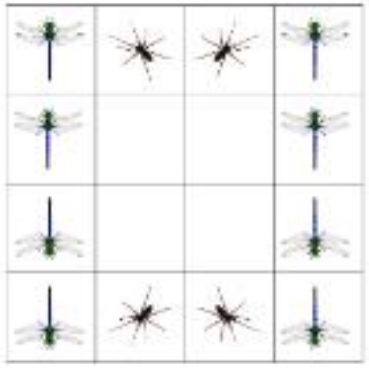
Autumn 1

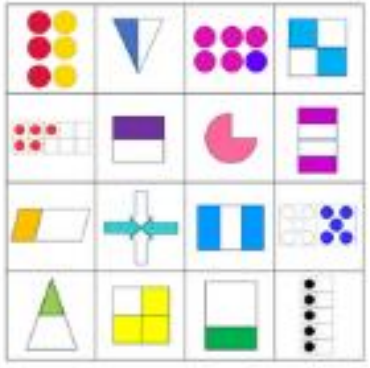






Can you see what I see?





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Cambs Maths Team

Introduction

This resource should support pupils in identifying patterns and relationships, encourage them to retrieve previously taught concepts, and promote the use of mathematical language. It's designed to be used with pupils across the primary phase, but you could use part of the image and/or your own prompts if that would be more appropriate for your pupils.

For each image we identify some related numbers, for example, ‘I can see 6'. This could relate for instance, to the number of triangles in the picture. There are prompts suitable for pupils of different ages/prior attainment levels. Can they work out what the numbers refer to?

You could choose one number to share with your pupils, or you could present them with all three. If they are able to identify the aspects of the image which relate to one or more of our numbers, you could then ask them to come up with their own ideas. What can they see? Don’t forget to ask pupils how they counted (e.g. – in 2s).

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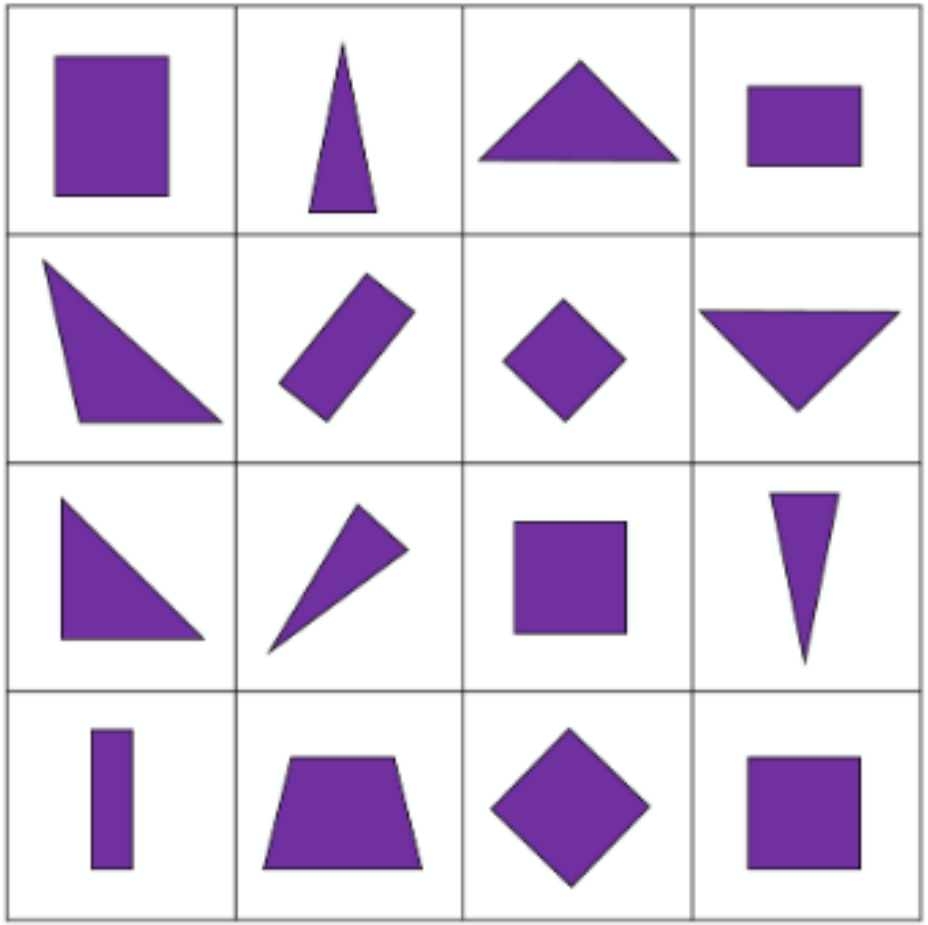
Week 1



Can you see what I see?

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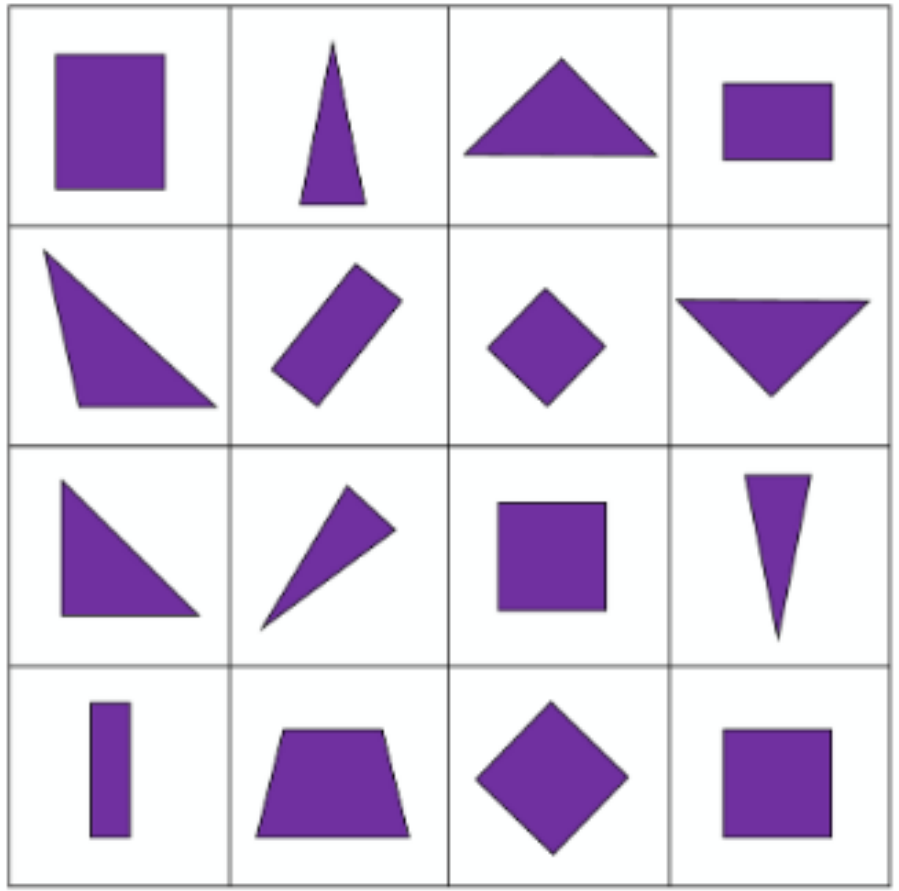
Week 1

I can see 7.



Can you see what I see?

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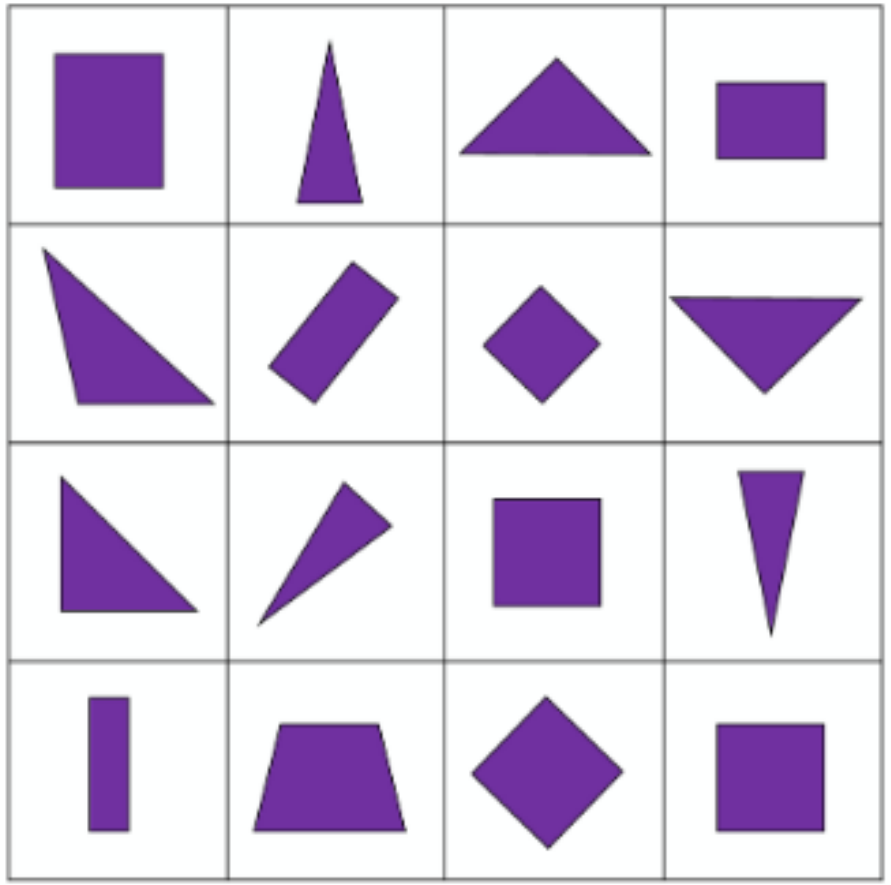
Week 1

I can see 9.



Can you see what I see?

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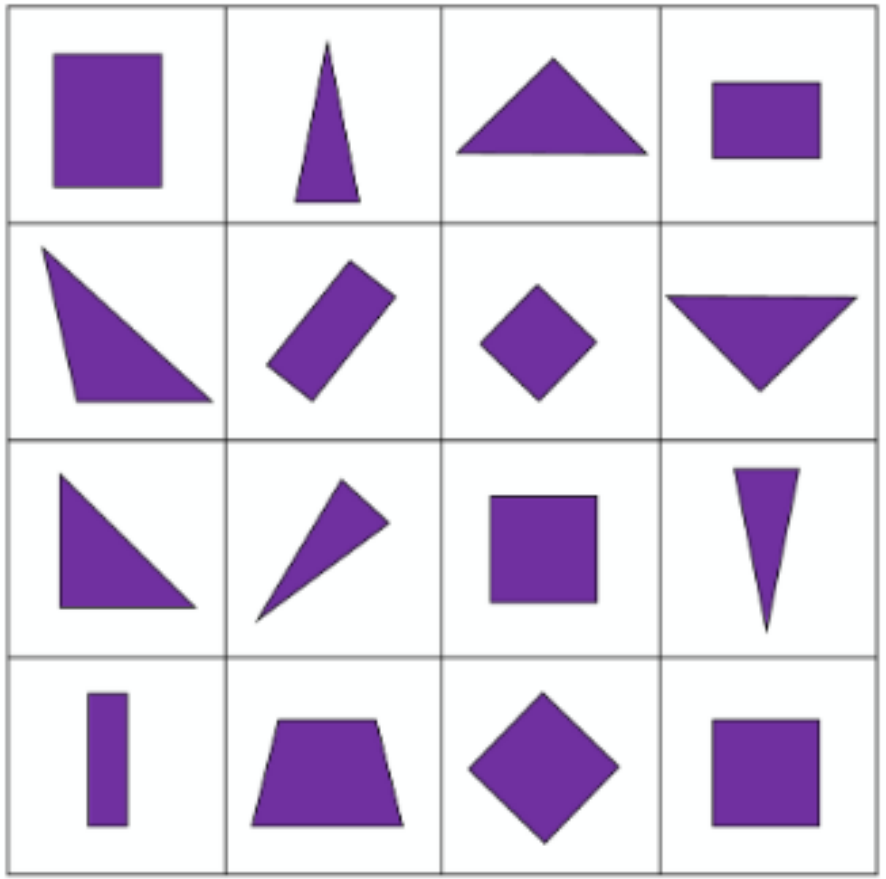
Week 1

I can see 17.



Can you see what I see?

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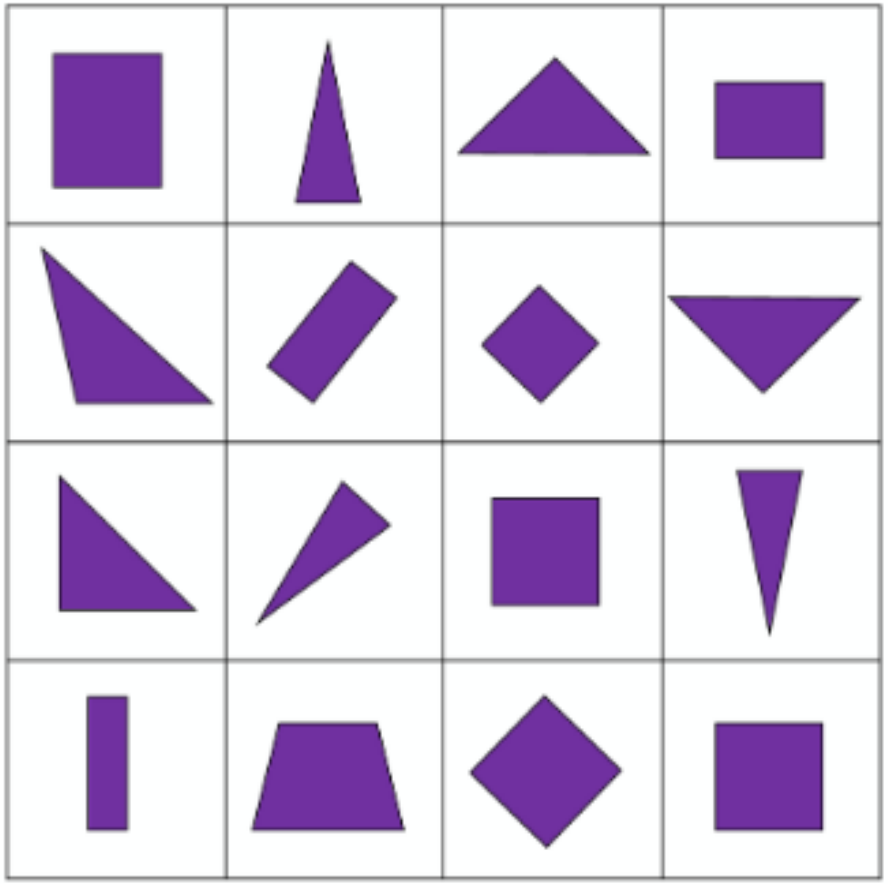
Week 1

I can see 7, 9 and 17.



Can you see what I see?

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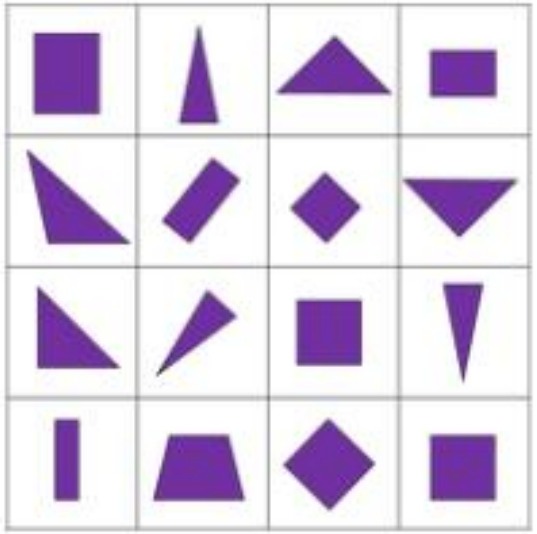
Week 1

I saw:

7 triangles

9 quadrilaterals/shapes with 4 sides

17 pairs of parallel sides



What did you see?

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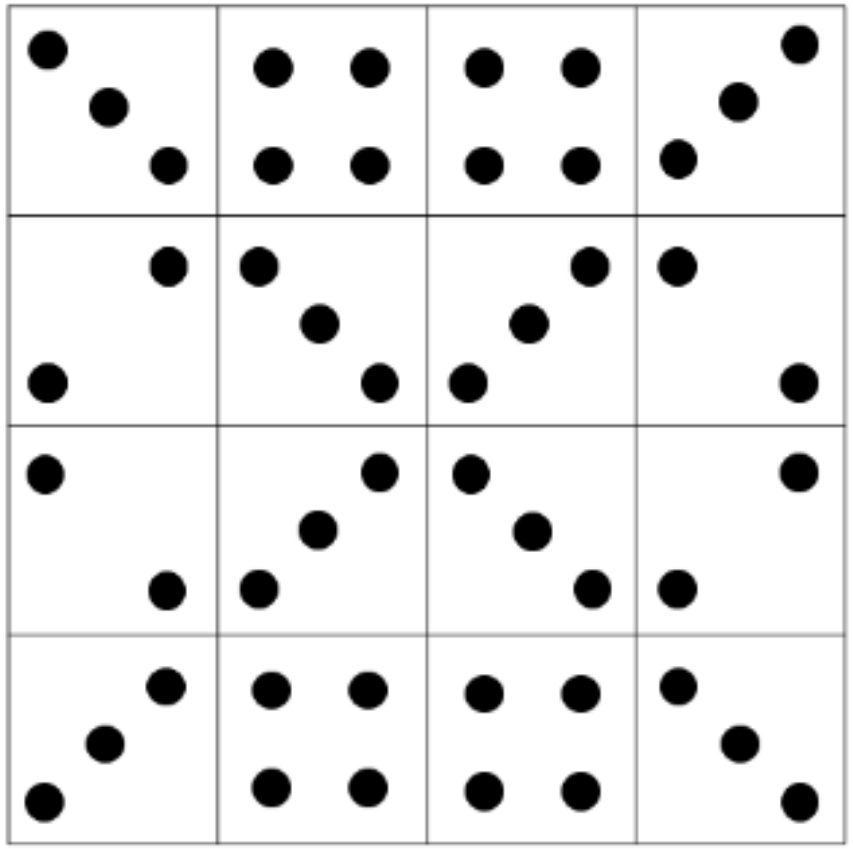
Solution

Week 2



Can you see what I see?

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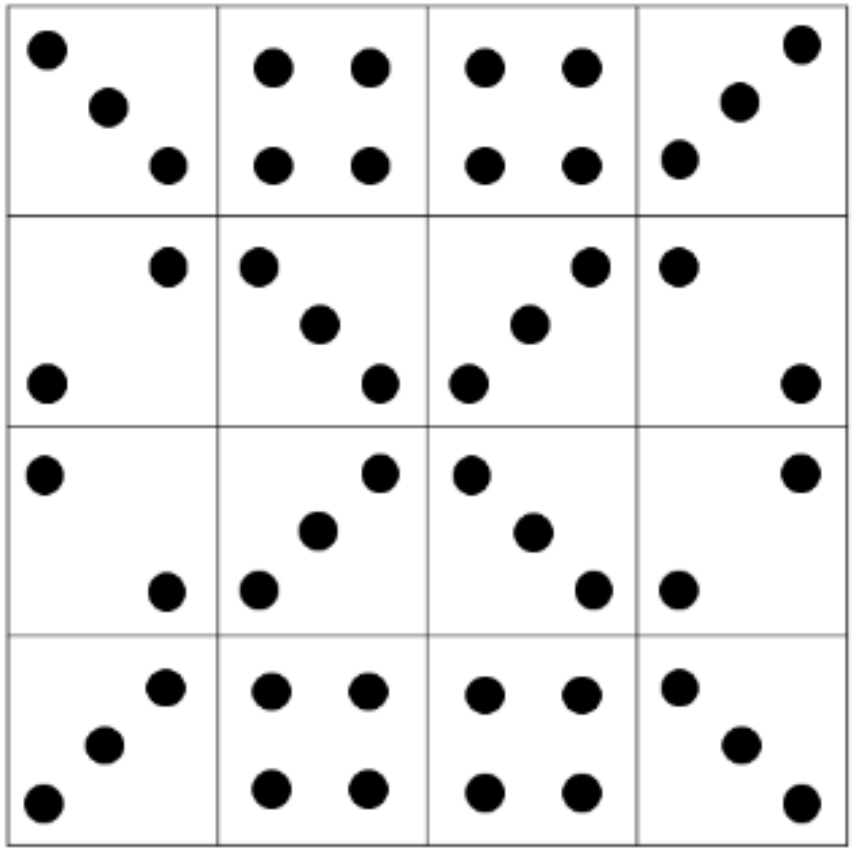
Week 2

I can see 48.



Can you see what I see?

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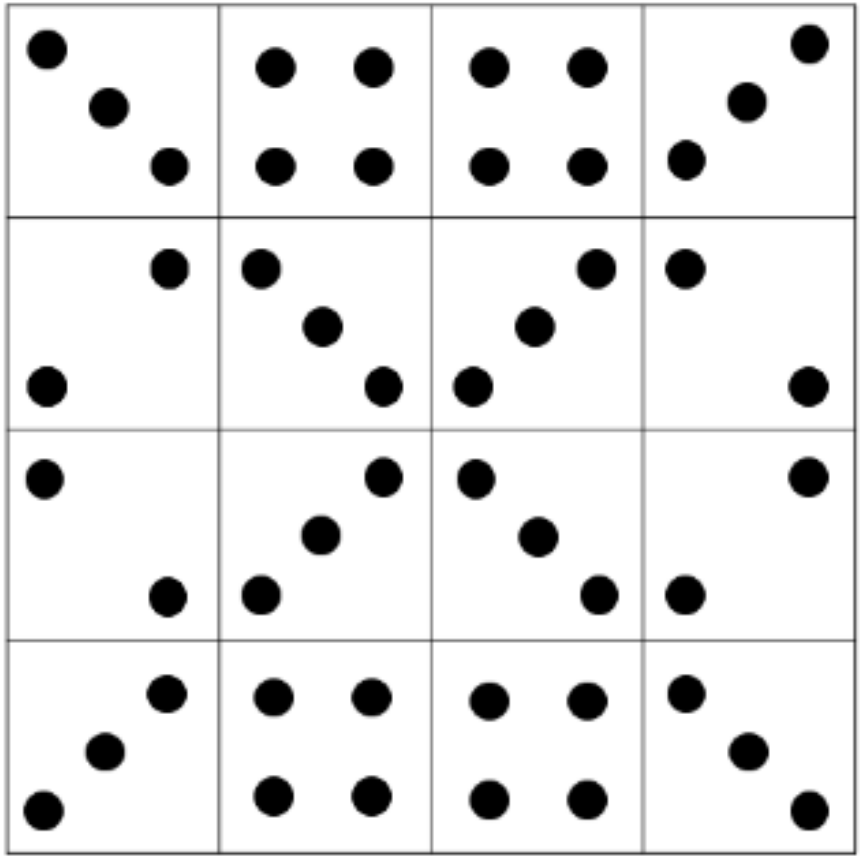
Week 2

I can see 12.



Can you see what I see?

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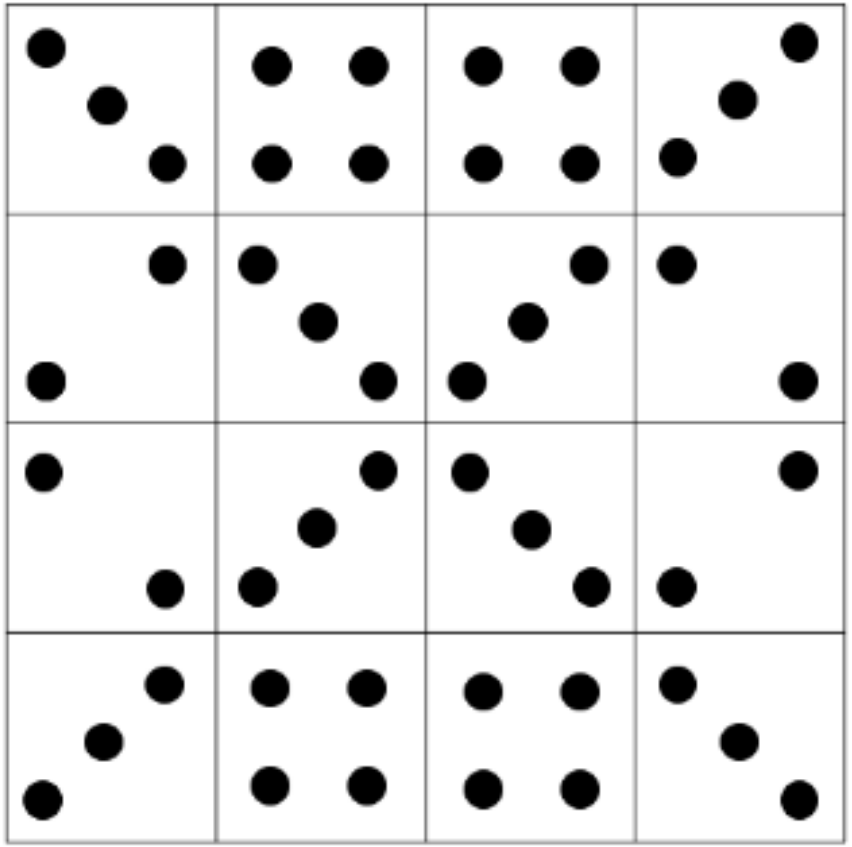
Week 2

I can see 2.



Can you see what I see?

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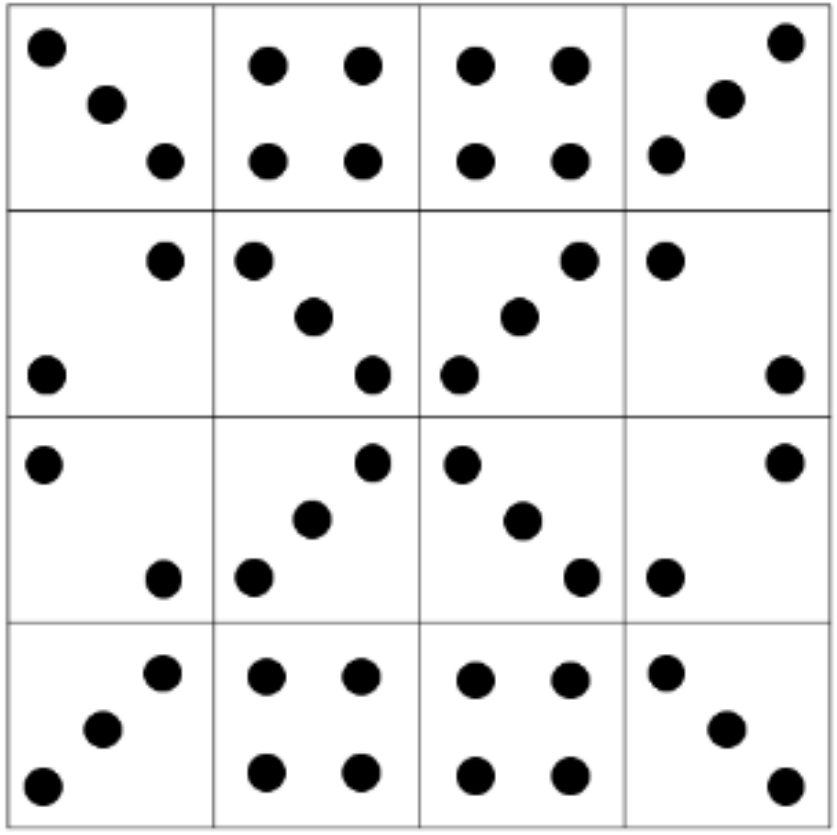
Week 2

I can see 48, 12 and 2.



Can you see what I see?

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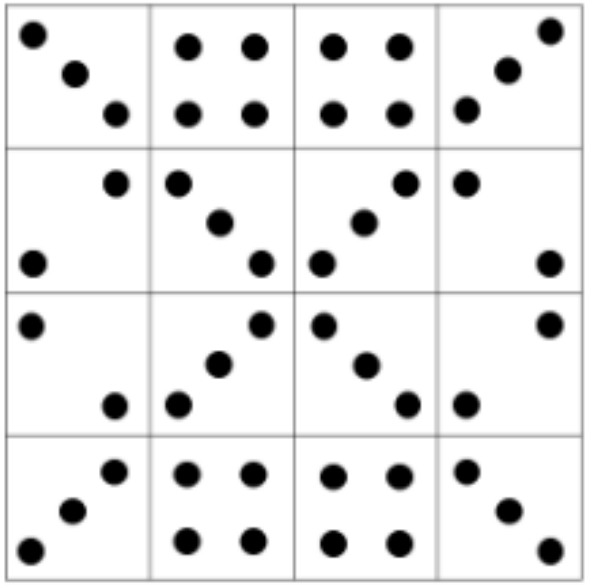
Week 2

I saw:

48 dots altogether

12 dots in each quadrant

2 lines of symmetry



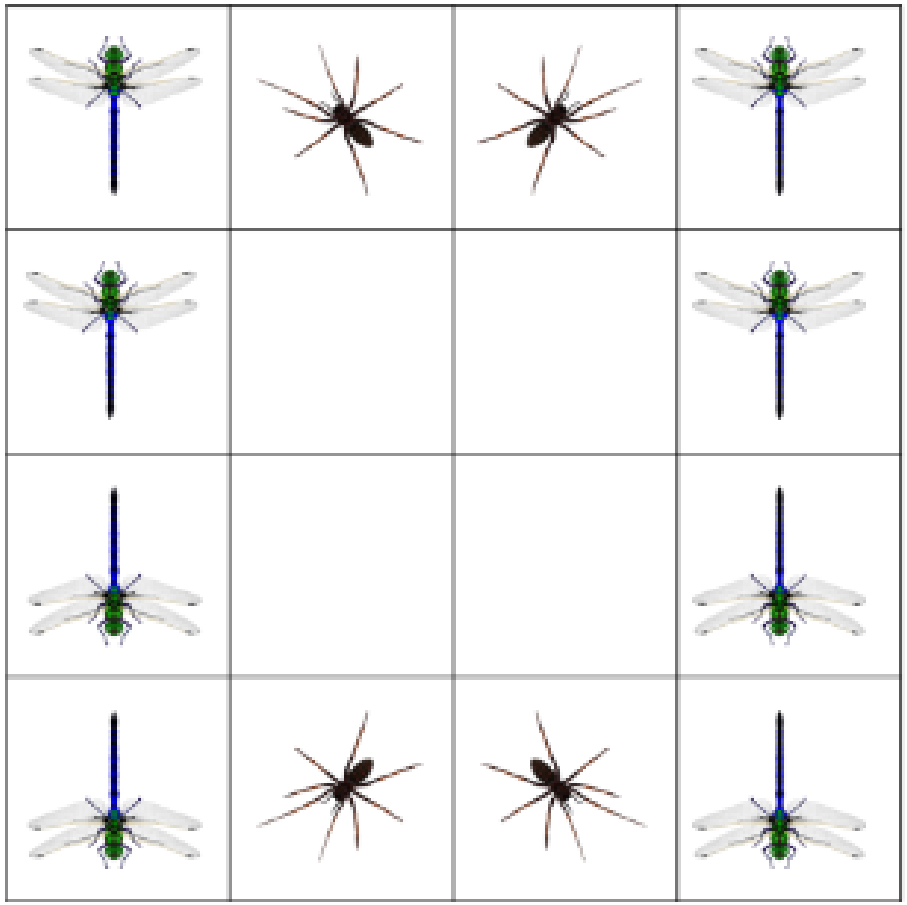
What did you see?

Cambridgeshire County Council

Cambs Maths Team

Solution

Week 3



Can you see what I see?

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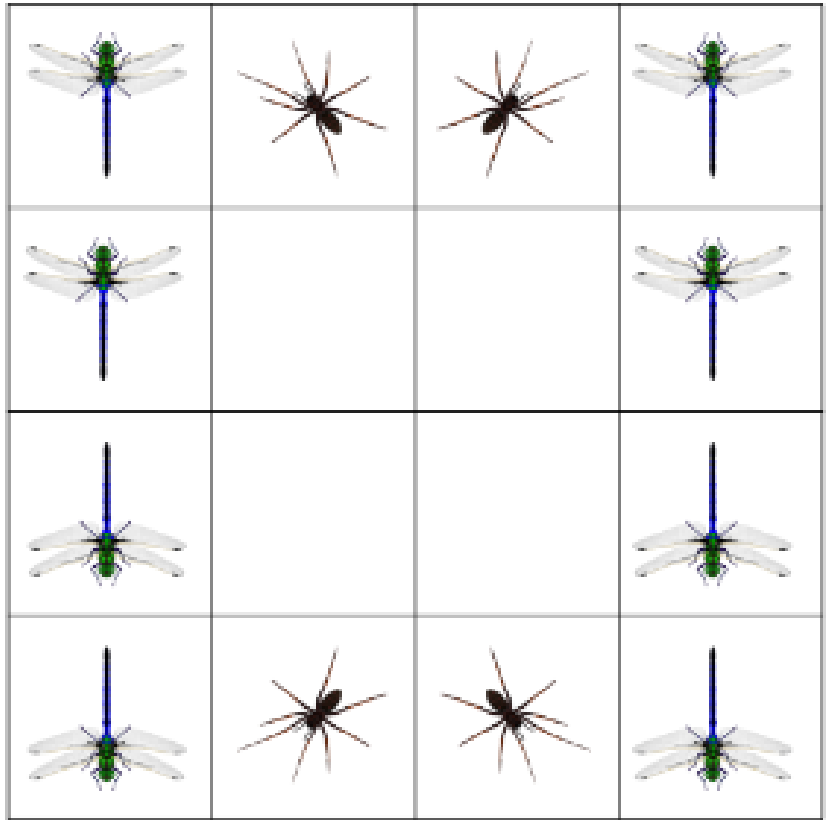
Week 3

I can see 4.



Can you see what I see?

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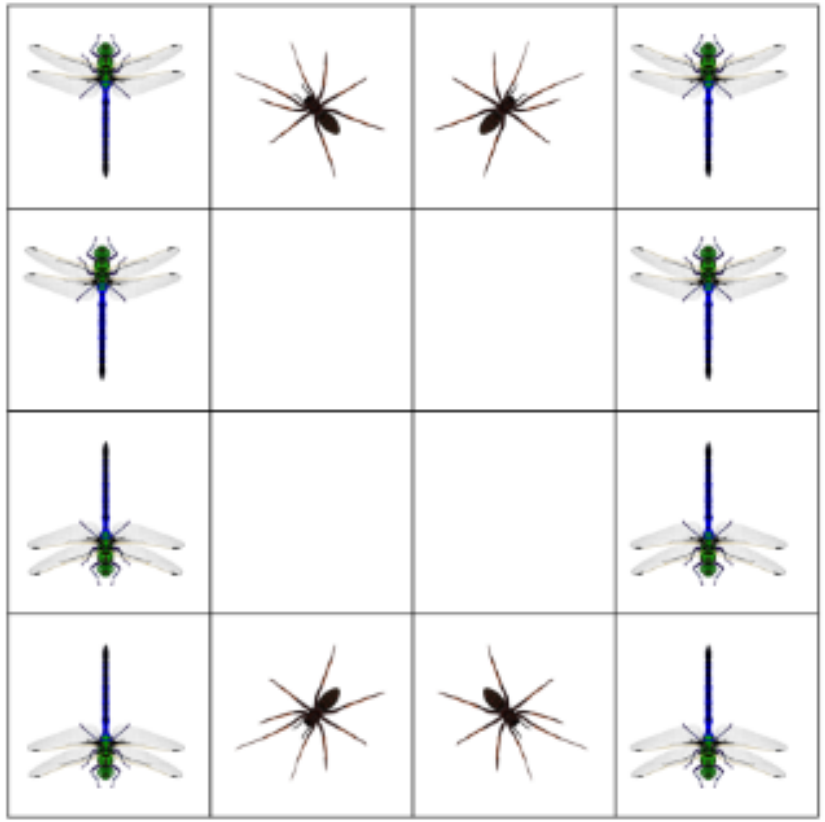
Week 3

I can see 80.



Can you see what I see?

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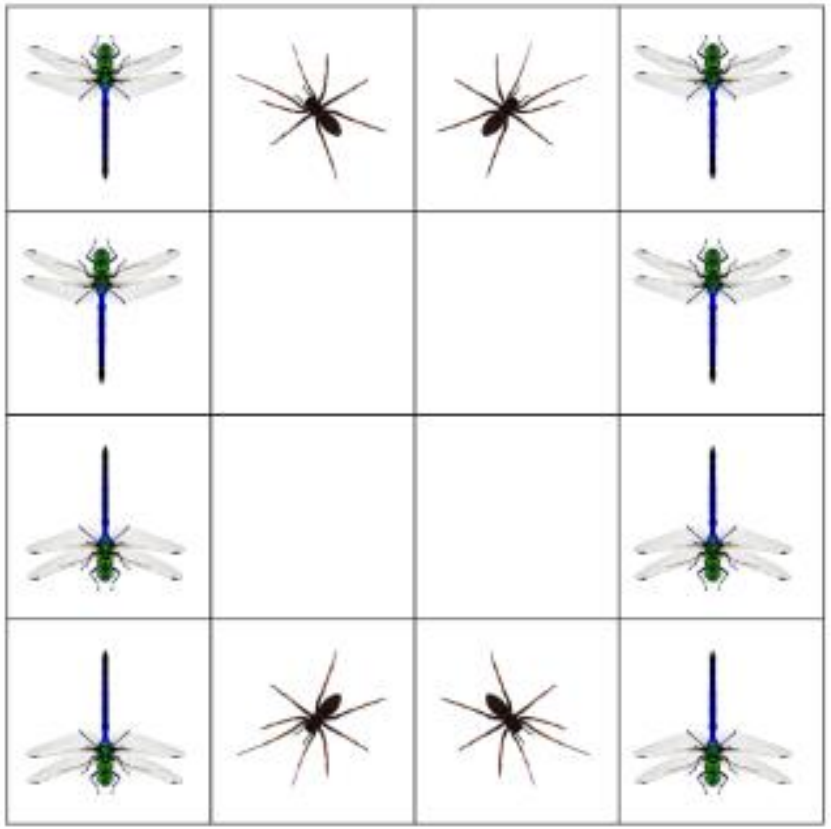
Week 3

I can see 16.



Can you see what I see?

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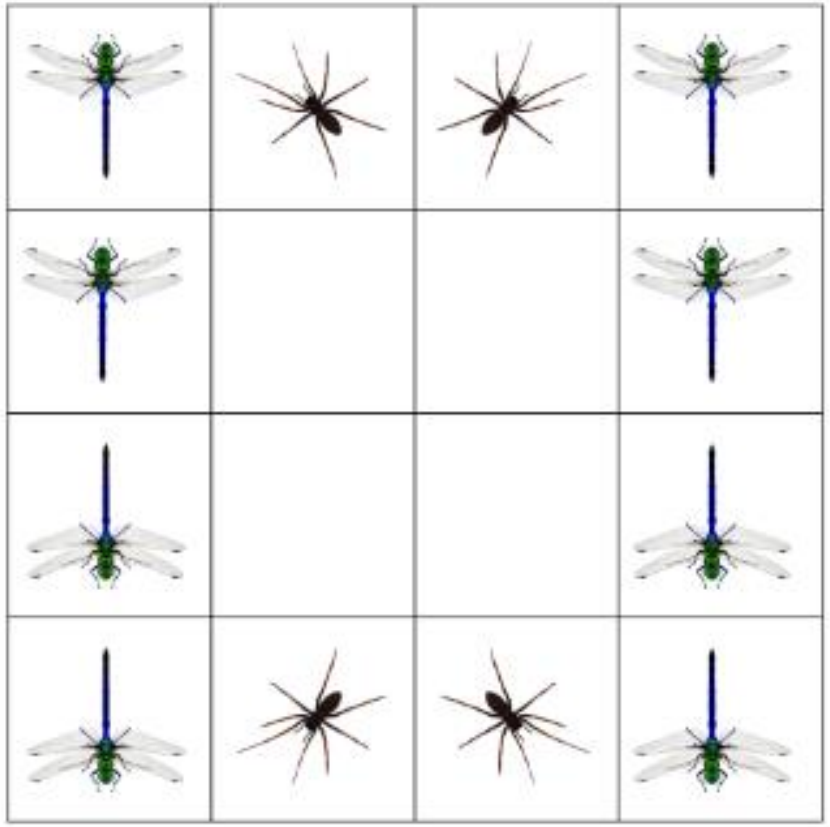
Week 3

I can see 4, 80 and 16.



Can you see what I see?

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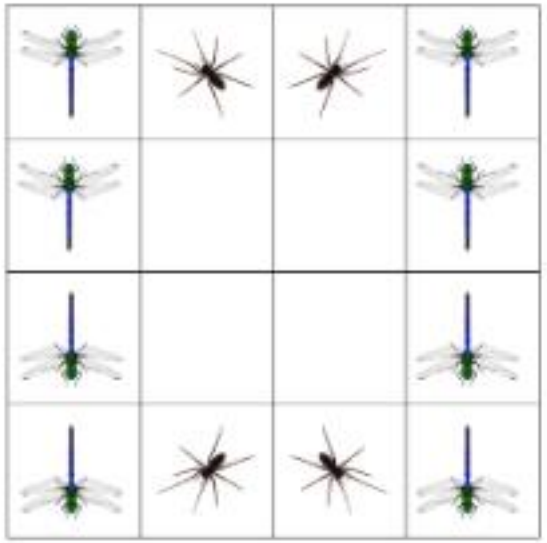
Week 3

I saw:

4 empty squares/spiders

80 legs

16 pairs of wings



What did you see?

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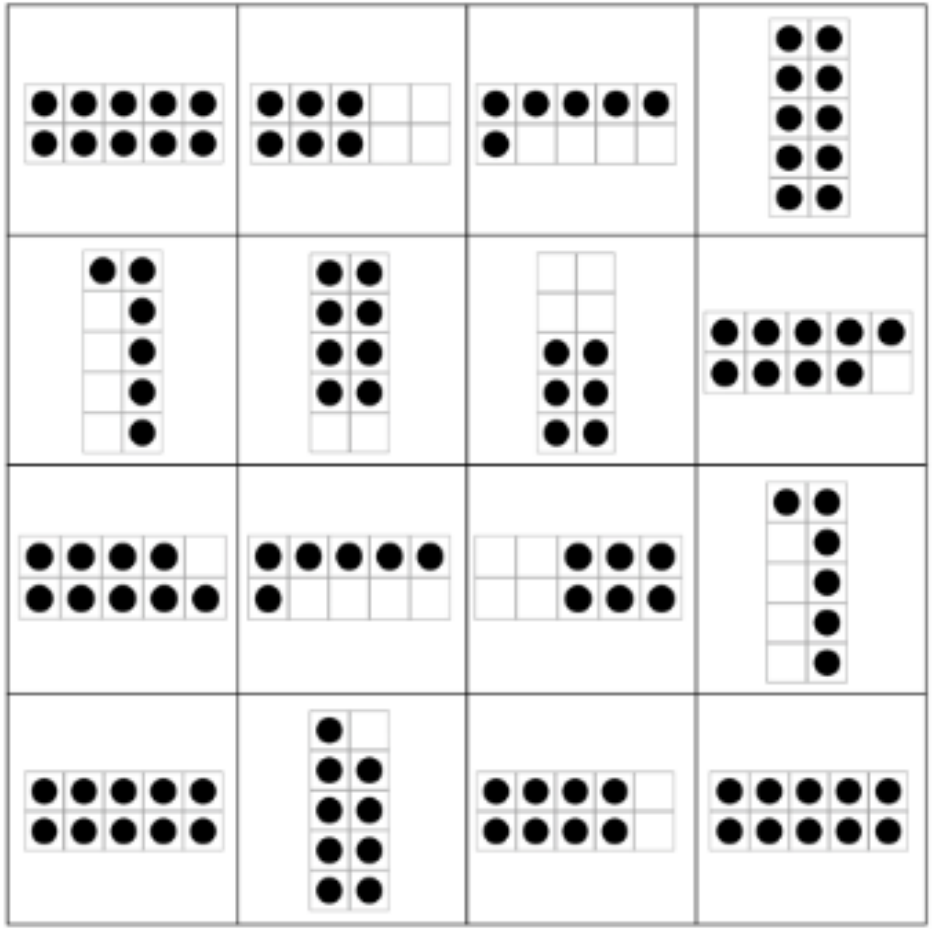
Solution

Week 4



Can you see what I see?

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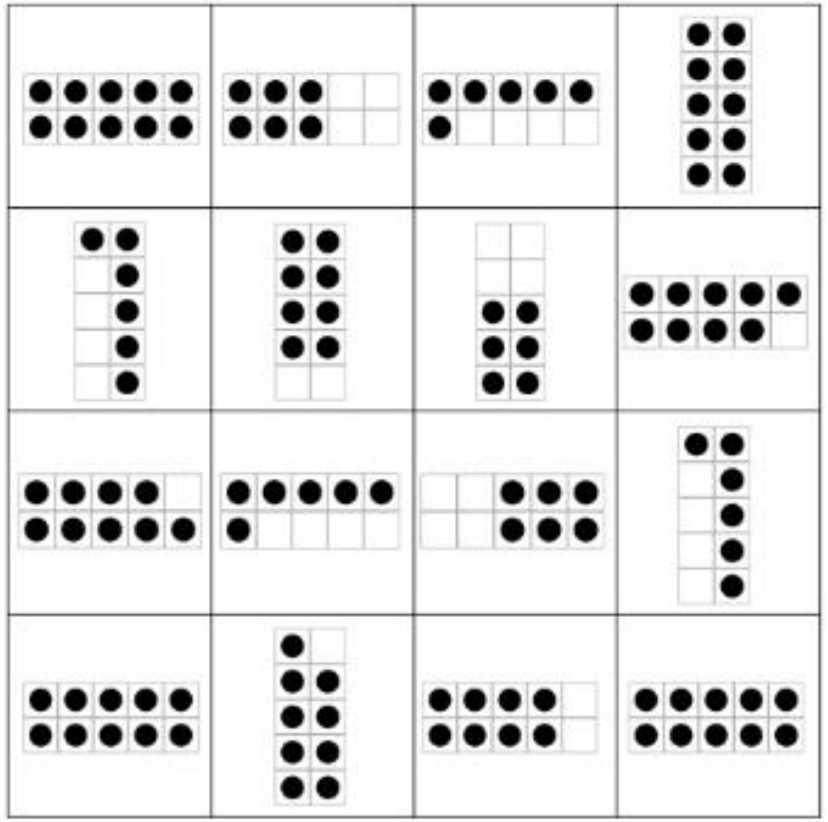
Week 4

I can see 4.



Can you see what I see?

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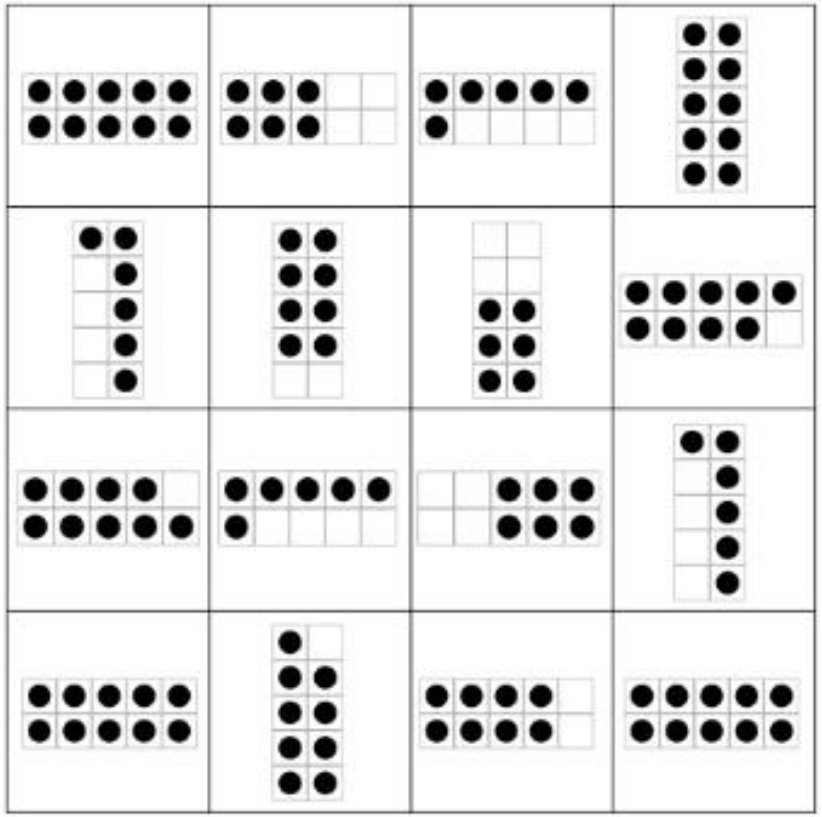
Week 4

I can see 12.



Can you see what I see?

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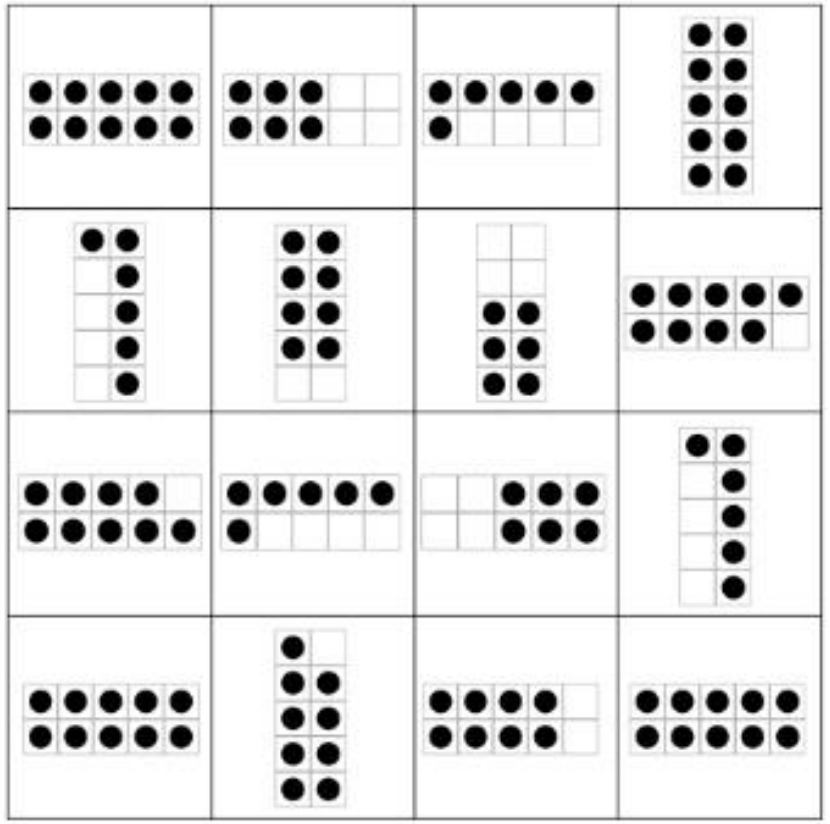
Week 4

I can see 9.



Can you see what I see?

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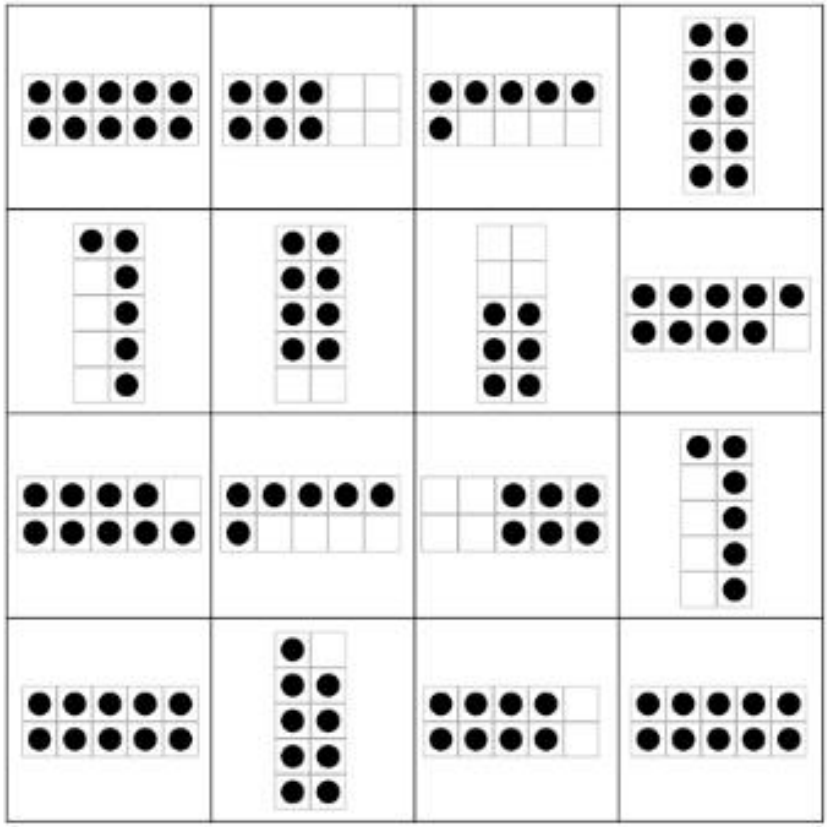
Week 4

I can see 4, 12 and 9.



Can you see what I see?

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Cambs Maths Team

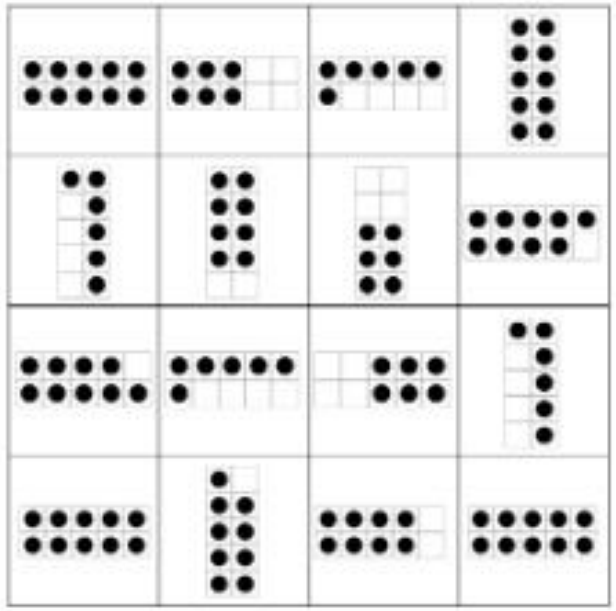
Week 4

I saw:

4 full tens frames/10s

12 even numbers

9 symmetrical tens frames



What did you see?

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Cambs Maths Team

Solution