

EGGCITING #ESSENTIALmaths COMPETITION

**We will be awarding prizes for the most interesting responses:
a picture, model, written explanation or something else!**

**To enter please reply with a photo of the solution, without
including the child's name or photo.**

**The closing date for entries is 24th April 2020.
Prizes will be awarded and sent out in May.**

@hertsmaths team

#ESSENTIALmaths



EGGCITING #ESSENTIALmaths – Year 1 – inspired by 1LS15



Describe the eggs using these words:

- biggest
- smallest
- tallest
- shortest
- taller
- shorter
- smaller
- bigger

What if you were to put a ribbon around each egg?

Describe the different lengths of ribbon needed, using the words: longest, shortest, longer, shorter



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EGGCITING #ESSENTIALmaths – Year 2 – inspired by 2LS10

Work out the value of ,  and .

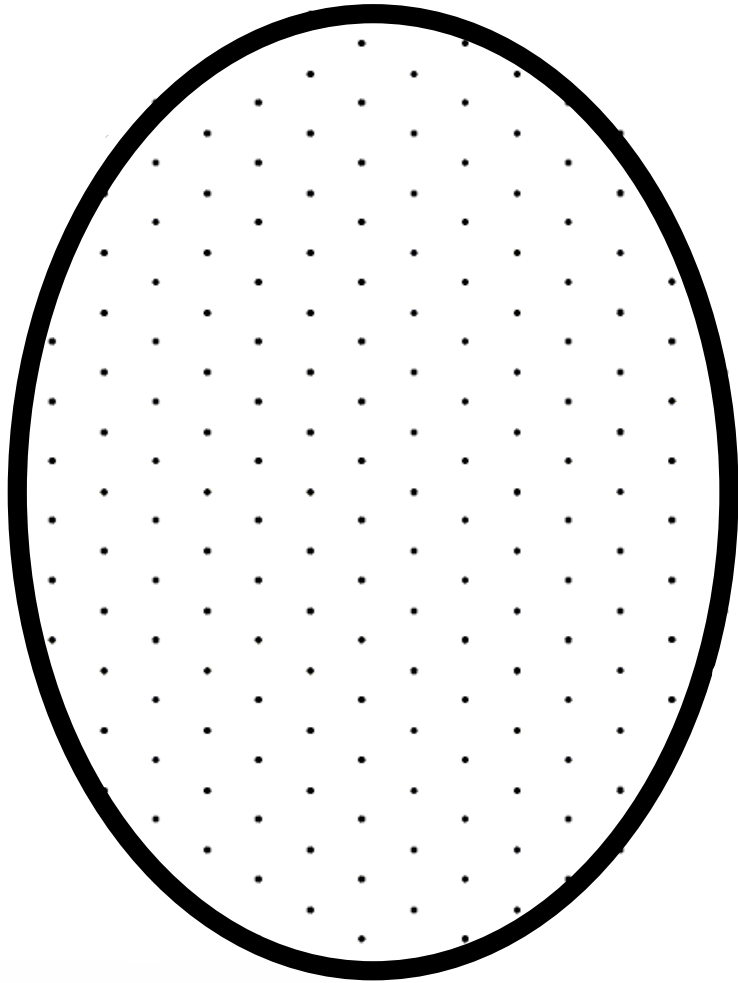
			17
			15
			18
14	18	18	

When you have completed the activity, review your strategy.
Is there a better way to start?

Can you create
your own puzzle for
a friend to solve?



EGGCITING #ESSENTIALmaths – Year 3 – inspired by 3LS14



Design an Easter egg which includes:

- **At least one set of perpendicular lines**
- **A regular hexagon**
- **A quadrilateral with a pair of parallel sides and where the angles are not equal**
- **An irregular pentagon**



EGGCITING #ESSENTIALmaths – Year 4 – inspired by 4LS6

$$\text{Purple egg} \times \text{Blue egg} = 30$$

$$\text{Green egg} \times \text{Yellow egg} = 84$$

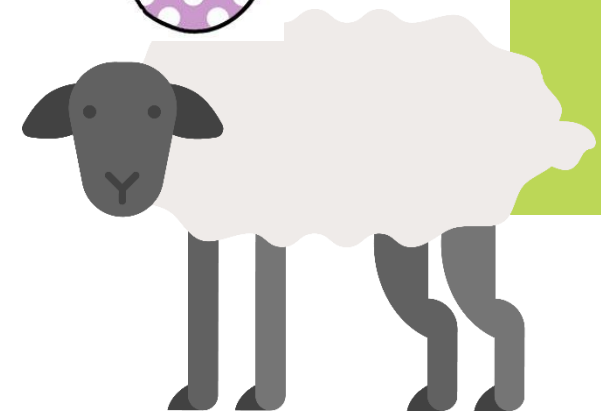
$$\text{Green egg} \times \text{Light green egg} = 49$$

$$\text{Yellow egg} = 36 \div \text{Blue egg}$$

$$\text{Yellow egg} \times \text{Orange egg} = 132$$

$$110 \div \text{Orange egg} = \text{Purple egg}$$

Can you find the value of each egg?
In which order did you solve the calculations? Why?



EGGCITING #ESSENTIALmaths – Year 5 – inspired by 5LS20

A group of rabbits need an outdoor pen with an area of 28m^2 .

Christopher creates a rectangular pen.

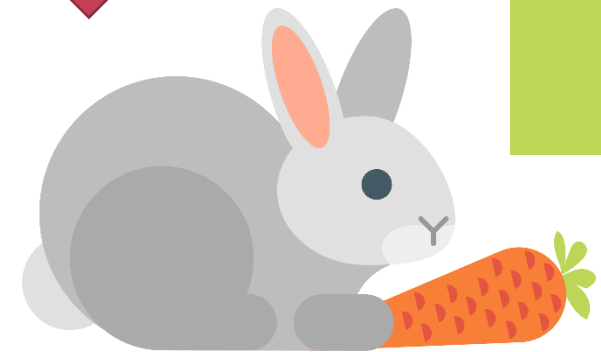
What could be its width and length?



Christopher then redesigns the pen to maintain the same area.

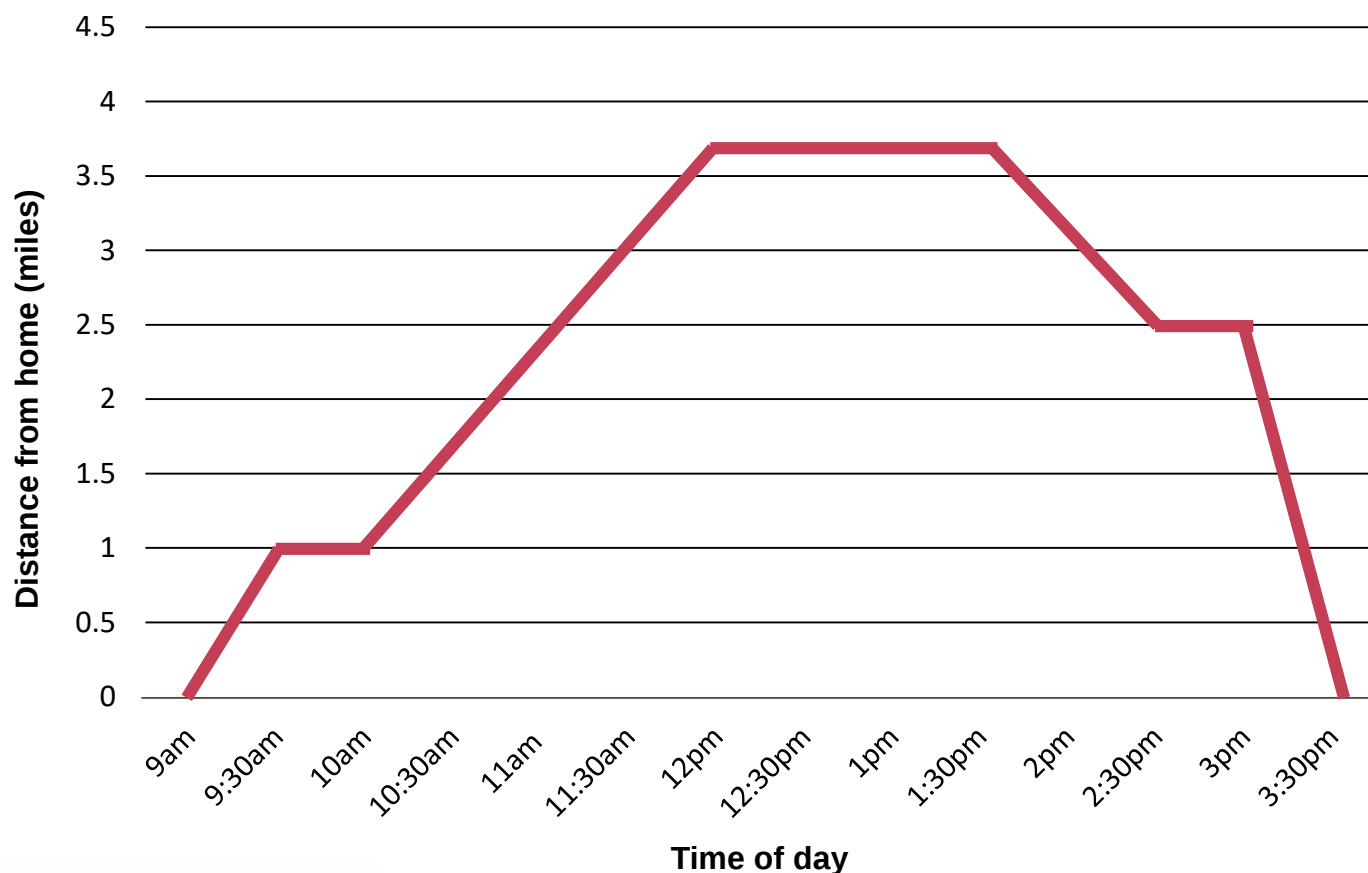
The new pen has six sides and a perimeter of 22m .

Can you determine the design he created?



EGGCITING #ESSENTIALmaths – Year 6 – inspired by 6LS27

A day in the life of the Easter Bunny!



This line graph shows the distance travelled from home by the Easter Bunny between 9am and 3:30pm. Write a story about the Easter Bunny's day to match the information on the graph.

Be as creative as you can!

Consider:

- How fast he/she travelled between certain points
- How far he/she travelled between certain times



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