

Queen Elizabeth School

Mathematics Project Competition for Secondary Schools (2017/2018)

Category B: S1 mini-project

The Perfect Egg



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Content

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 - a. P.4 --- Perfect sunny-side up egg.
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~Conclusion~

In this Mathematics project, we have investigated and discovered two useful formulas about eggs:

The area of the circle yolk(white)in a perfect egg:

$$\pi r^2 \times 35\%(65\%)$$

Number of Eggs needed for x layers

$$= (x - 1)^2 + x^2$$

They can help us to make perfect eggs in different forms.

~Acknowledgement~

- ▶ <http://extension.illinois.edu/eggs/res16-egg.html>
- ▶ <https://pixabay.com/en/egg-egg-carton-chicken-eggs-818191/>