

# Sums. They're Math Magic

## 26 - Sum More Science

**Please go through each slide stopping until you have understood the concept described**

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### Wrong Planets



Saturn



Mars



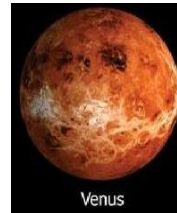
Jupiter



Mercury



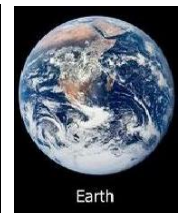
Neptune



Venus



Uranus



Earth

Please rearrange these in the correct order from the sun.

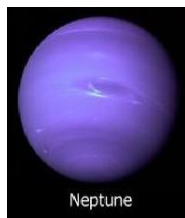
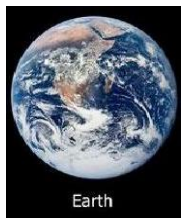
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### Wrong Planets



The correct order from the sun.



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### Nobel Prizes



**What did Nobel invent that provided him with sufficient funds for the Nobel Prizes?**

**Except for the Peace Prize, the Nobel Prizes are presented in Stockholm, Sweden, at the annual Prize Award Ceremony on 10 December, the anniversary of Nobel's death.**

**They are awarded for Physics, Chemistry, Physiology or Medicine, Literature and Peace.**

**There is also Nobel Memorial Prize for Economics awarded by Bank of Sweden.**

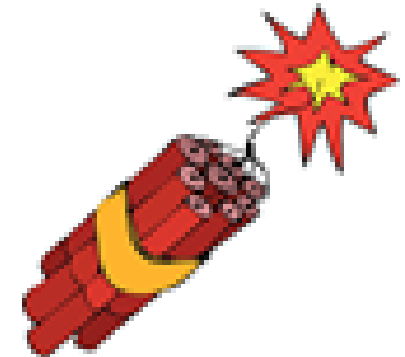
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### Nobel Prizes



What did Nobel invent that provided him with sufficient funds for the Nobel Prizes?



**Dynamite**

**First demonstrated in a quarry in Surrey, England.**

**Even though Nobel was Swedish.**

**Well known winners of the Physics and Chemistry prizes include Einstein (But not for  $E=MC^2$ ), Marie Curie (the only person with a prize for physics and for chemistry), Prof. Penrose, Peter Higgs, and Watson and Crick for Medicine.**

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### Carrots Are Good For You.

During World War II the success of night fighter pilots was put down to them eating carrots which improved their night vision.

What actually helped them?

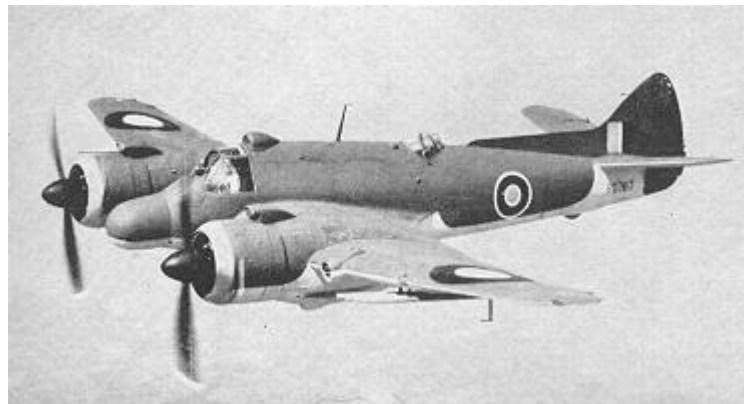
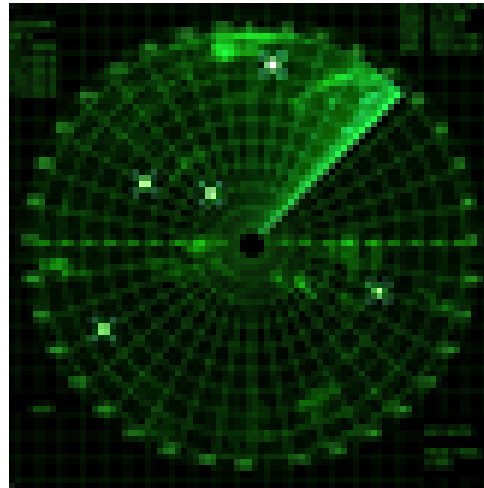


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**Carrots Are Good For You.**

**Pilots Improved their night vision not by eating carrots, it was actually due to on-board radar.**



**Bristol “Beaufighter” night fighter fitted with radar in the extended nose**

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Please go to the next lesson.

Sum More Card Tricks

On average, it takes a person 7 minutes to fall asleep.

Unless they are in a maths class!

$$\begin{array}{ll} 2 \times 2 = 4 & \sqrt{4} = 2 \\ 3 \times 3 = 9 & \sqrt{9} = 3 \\ 4 \times 4 = 16 & \sqrt{16} = 4 \\ 5 \times 5 = 25 & \sqrt{25} = 5 \\ 6 \times 6 = 36 & \sqrt{36} = 6 \end{array}$$

