

MATHS BRAINTEASER

Hello everybody, and welcome to Week 11 of the RMS Weekly Maths Brainteasers. Here is last week's teaser :

The RMS Weekly Maths Brainteaser

Week 10 Peanut Harvest

My four pet monkeys and I harvested a large pile of peanuts.

- Monkey A woke in the night and ate **half** of them;
- Then monkey B woke and ate **one third** of what remained;
- Then monkey C woke and ate **one quarter** of the rest;
- Finally, monkey D ate **one fifth** of the much diminished remaining pile



What fraction of the original harvest was left in the morning?

Please send your answer with your name and form to Mr Pooles at graham.pooles@rmays.com. The correct answer will be revealed at the end of next week, along with another brainteaser!

The correct answer was that $\frac{1}{5}$ of the peanut harvest was left over. Well done to everyone who had a go. This week's brainteaser isn't as exciting, but still do give it a go to keep those brains ticking over.

The RMS Weekly Maths Brainteaser

Week 11 See Axes

Each letter in this sum represents a different non-zero digit.

Which digit does X represent?

$$\begin{array}{r} S E E \\ + S E E \\ \hline A X E S \end{array}$$

Please send your answer with your name and form to Mr Pooles at graham.pooles@rmays.com. The correct answer will be revealed at the end of next week, along with another brainteaser!

Best wishes
Mr Pooles