

PUPIL WINS AWARD IN NATIONAL MATHEMATICS CHALLENGE

Phoebe Jackson has recently been presented with a **Bronze** award by The Mathematical Association in a recent maths challenge. This shows that she is one of the best young mathematicians in the country.

The first part of the challenge was back in November last year when **Phoebe** scored so high she was invited to take the PMC Finals in February. It was in this national challenge that she won a **Bronze** award.

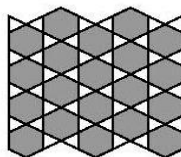
The Primary Mathematics Challenge is aimed at the top 60% of pupils in primary schools. Over 94,000 pupils aged up to 11 years took the PMC last November. The highest scoring pupils (1900) were invited to take the harder challenge in February this year. **Phoebe** is one of 414 pupils to win an award. Other winners can be found on the Primary Mathematics Challenge page at www.m-a.org.uk

The next Primary Mathematics Challenge takes place in November 2010. Details at www.m-a.org.uk (follow Primary Mathematics Challenge) or from The Mathematical Association, 259 London Road, Leicester LE2 3BE. Telephone 0116 221 0013.

Here are four questions that **Phoebe** took in the recent PMC Finals paper:

What fraction of the whole tiling is shaded?

- A $\frac{1}{2}$ B $\frac{2}{3}$ C $\frac{3}{4}$ D $\frac{5}{6}$ E $\frac{7}{8}$



I am designing a rectangular milk crate which I don't want to be long and thin. Which of these would be the best number of bottles to fill the crate?

- A 11 B 13 C 15 D 17 E 19

When it was her birthday, my mathematical aunt told me, 'Three years ago my age was a square number. Next year it will be a prime number, and in twelve years it will be a cube number.'

How old is my aunt?

- A 28 B 39 C 52 D 84 E impossible to say



Nadia, Natasha, Neeraja, Niku and Noor run a race. Nadia beats Natasha, who is slower than Niku. Noor and Neeraja finish together but not in last place. Who comes last?

- A Nadia B Natasha C Neeraja D Niku E Noor

