Friday, 9 March 2018

Top maths minds will spend the weekend at two-day maths camp

This weekend the students who took out the top 100 places from more than 18,000 students in last year's annual Newcastle Permanent Primary Schools Mathematics Competition will calculate their hearts out at a Maths Camp.

The two-day intensive camp of workshops will develop the thinking and problem solving skills of students who now are in Year 6 in geometry, fractions, and triangular numbers in a fun environment.

The weekend won't be spent entirely on maths; the students will also take advantage of the Camp location at Lake Macquarie and enjoy hiking, low ropes course, mini golf, and other activities.

Examples of the questions the students will be given:

1. Sixty students are studying French or German or both languages. 80% study French and 75% German. How many students study both languages?

2. The number 113 is prime, and its 'reverse' is 311 is also prime. How many two digit primes are there with the same property?

3. My 5km journey to town by bus takes 30 minutes. The bus stops 20 times for an average of 30 seconds to pick-up and drop-off passengers before it gets to town.
   What would the average speed of the journey into town be if the bus did not stop until it reached its destination?

About the Newcastle Permanent Primary Schools Mathematics Competition

Almost 340 schools from the Hunter, Central Coast, Central West, New England, North Coast, and Northern Rivers participated in last year's Maths Competition. The Competition challenges students' knowledge and problem solving skills in a 35-question exam—all without the use of a calculator or other electronic aid.

The Newcastle Permanent Primary School Mathematics Competition is the largest of its kind in Australia and is open to all primary school students in Year 5 and 6 with awards for the winners in each region. Registrations for the competition close Friday 11 May. More information, past exam papers and answers can be found at www.newcastlepermanent.com.au/community

—Ends—

Answers:
1. 33
2: 7
3: 15km/hour

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