Fun Maths Puzzles
Volume 27 Term 3 2012

Level 1

Each time 2 dice are rolled, 2 numbers are facing up. How many different number pairs are possible? ('Different sets' means that *1*, *3* is the same set as *3*, *1* and can only be counted once).

Level 2

Pete is 11 years younger than Kim. Zac is 17 years older than Pete. Zac has just invited Kim and Pete to his 25th birthday. How old does that make Pete?

Level 3

While in a queue Jesse noticed that ½ of the number of kids in front of him was equal to ¾ of the number of kids behind him. How many kids might be in the queue?

Level 4

Consecutive numbers come after each other. Gemma wondered if she could write every number as a sum of consecutive numbers. What do you think?

18 = 3 + 4 + 5 +6
29 = 14 + 15