

Question 1:

Marble maths

Sam has three times as many marbles as Lily. Together they have 24 marbles. How many marbles does Lily have?

Question 2:

Who's last in line?

Four friends, Anya, Ben, Chloe and Dev, are standing in a line. Dev is first. Anya is not first or last. Ben is standing directly behind Chloe. Who is last in line?

Question 3:

Pattern spotter

This is the kind of abstract reasoning behind the Flynn effect. What letter comes next? A, C, F, J, O, ?

Question 4:

Word twister

What five-letter word becomes shorter when you add two letters to it?

Solutions:

- 1) Lily has 6 marbles and Sam has 18.
- 2) Ben. The line is Dev, Ava, Chloe, Ben. Ava can't be third, or Chloe and Ben couldn't stand together.
- 3) U. The gaps grow by one each time: +2, +3, +4, +5, then +6.
- 4) SHORT, which becomes SHORTER.

Think you've got a great puzzle? Email us at reception@swotshop.com.au.

For more brainteasers, visit our [Puzzle Corner](#).