Puzzles answers

Cola in the bath!

A bath 1.5 metres long by 60 cm wide would have a floor area of approximately 9000 cm2. If there was 10 cm of cola in the bath, the volume of liquid would be about 90 000 cm3 or 90 000 ml. This would require roughly 270 cans of cola.

Anyone for Tennis?

Ali, Luke, Holly and Zoe play tennis.

Two boys can play.

Ben won't play if Luke plays.

So the two boys must be Ali and Ben, or Ali and Luke.

Ali will play only if Holly plays.

Holly won't play with Ben.

So the two boys are Ali and Luke.

Luke will play only if Zoe plays.

So the two girls are Holly and Zoe.

Eggs!

Mrs Choy bought:

10 large eggs at 50p each,

10 medium eggs at 10p each,

80 small eggs at 5p each