



OCTOBER MATHS STARS PROBLEMS

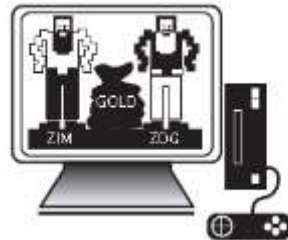


★ Problem

Jane and Mo are playing a computer game. The game needs them to share out gold coins between 2 giants, Zog and Zim.

When there are 2 coins Jane says, 'We can share out the coins 3 ways.'

What are the 3 ways Jane is talking about?



★★ Problem

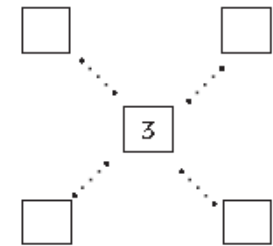


Raza and Jo go to the fairground to try to win some prizes at the shooting gallery.

To win they must hit targets a certain number of times. Both the crossed lines of the target must have the same total.

Can you find the missing numbers?

1. Digits 1–5, total 9



★★★ Problem

Ann, Boris, Carla, and David are talking about their favourite food. They know they all like different foods that are shown on the menu.

- Boris does not like chips.
- Ann will not eat chicken.
- One of the boys likes fish.
- One of the girls likes burgers.
- Neither of the boys likes spicy food.



Which person likes what food?

★★★★ Problem

Find the numbers that would make the problems correct.

- a. $\square + 135 = 240$ d. $\square - 23.6 = 6.9$
 b. $\square + 1.2 = 6.9$ e. $\square \times 7 = 154$
 c. $\square - 123 = 87$ f. $\square \div 20 = 30$

