



# CAPTAIN SALAMANDER'S PUZZLING PROBLEMS

## (METRIC UNITS)

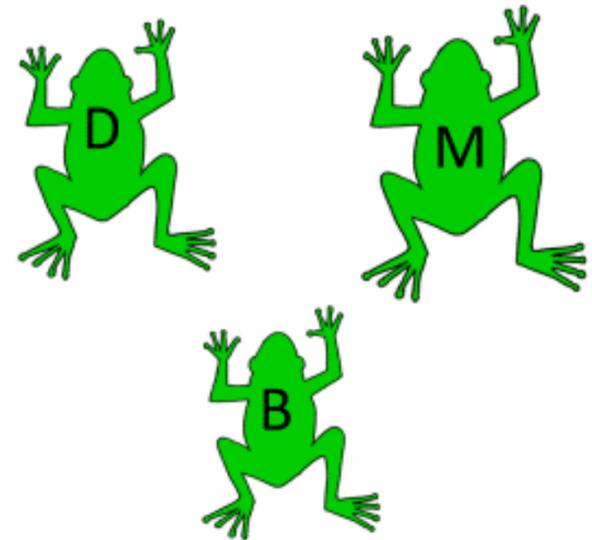
1) Captain Salamander has 3 pet frogs called Dorris, Borris and Morris. He weighs them to check they are at the right weight. However, the frogs will only be weighed two at a time!

Dorris and Borris weigh 12g altogether.

Borris and Morris weigh 16g altogether.

Dorris and Morris weigh 14g altogether.

How much does each frog weigh?



2) Captain Salamander is crossing through a forest which is infested with some of his worst predators: Blue Jay birds and raccoons. He decides to count them carefully to decide if it worth the risk of continuing or whether it would be safer to head back home.

He manages to count 16 heads and 42 legs. Can you help him work out how many birds and how many raccoons there were in the forest?

