



## Problem of the Week

### Problem C

**E - I - E - I - O**

“Old MacDonald had a farm, E-I-E-I-O”, says the old children’s song. But Old MacDonald did have a farm! And on that farm he had some horses, cows, pigs and 69 water troughs for the animals to drink from. Only horses drank from the horse troughs, exactly two horses for each trough. Only cows drank from cow troughs, exactly three cows per trough. And only pigs drank from pig troughs, exactly eight pigs per trough. Old MacDonald’s farm has the same number of cows, horses and pigs.

How many animals does Old MacDonald have on his farm?

