

# Dogs' Dinner

You need  a calculator (optional)

## Activity

Sudesh works at the Dogs' Life Kennels.

He feeds each dog 100 grams of dog roll a day for every 5 kilograms of the dog's mass.

Tosh is 60 kilograms.  $60 \div 5 \times 100 = 1\ 200$ .  
He needs 1 200 grams or 1.2 kilograms of dog roll a day.

But wait, there must be a quicker way to work that out! Hmm ... I wonder what's the same as dividing by 5 and then multiplying by 100?



1. Can you find a quicker way to work out the amount of dog roll needed?
2. Use your method to work out how much dog roll each of these dogs would get a day.

a. Jake: Labrador  
28 kilograms



b. Lulu: chihuahua  
2.5 kilograms



c. Monty: spaniel  
19 kilograms



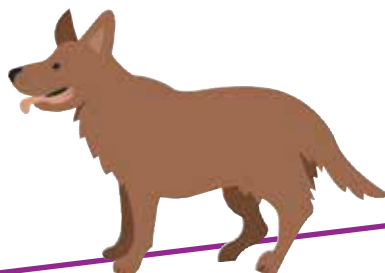
d. Tyke: Jack Russell  
8 kilograms



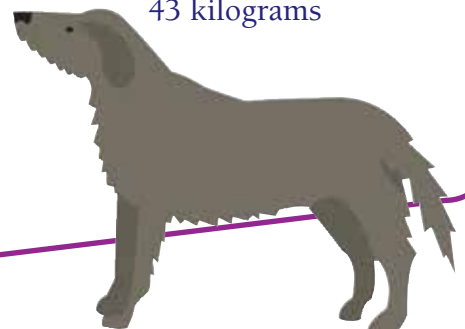
e. Brock: border collie  
23 kilograms



f. Dougal: German shepherd  
39.5 kilograms



g. Maeve: Irish wolfhound  
43 kilograms



3. If these are the only dogs staying at the kennels at the moment, how much dog roll does Sudesh prepare altogether each day?  
(Remember to include Tosh's dinner.)