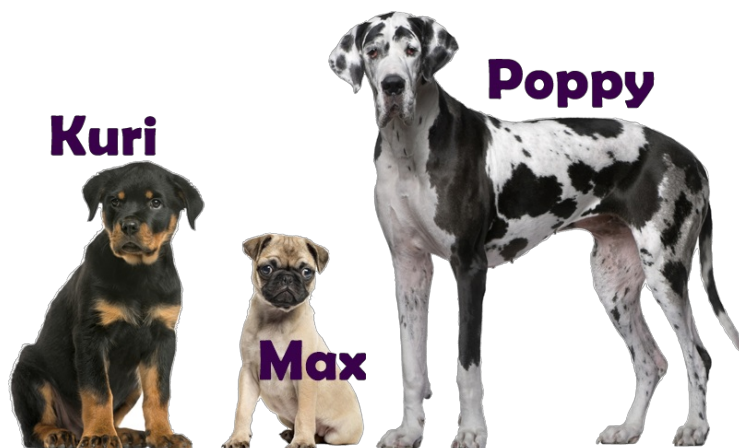# Weight calculation

This task is about using algebra to solve maths problems.

Kuri got on some scales with Poppy, and together they weighed 100 kg. Poppy weighed 3 times as much as Kuri.

Here is a statement in algebra describing what happened:

$$3y + y = 100$$

a) How heavy was Poppy? ☐ kg

b) How heavy was Kuri? ☐ kg

c) What does the *3y* stand for? ☐

Poppy, Max and Kuri all got on the scales.

d) Max was half the weight of Kuri. What did Max weigh? ☐ kg

e) How much would all three dogs weigh together? ☐ kg