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 <i>3y</i> stand for?			
Poppy, Max and Kuri all got on the scales.			
d) Max was half the weight of Kuri. What did Max weigh? kg			kg
e) How much would all three do	ogs weigh together?	kg	
			Published on Assessment Resource Banks (https://arbs.nzcer.org.nz)