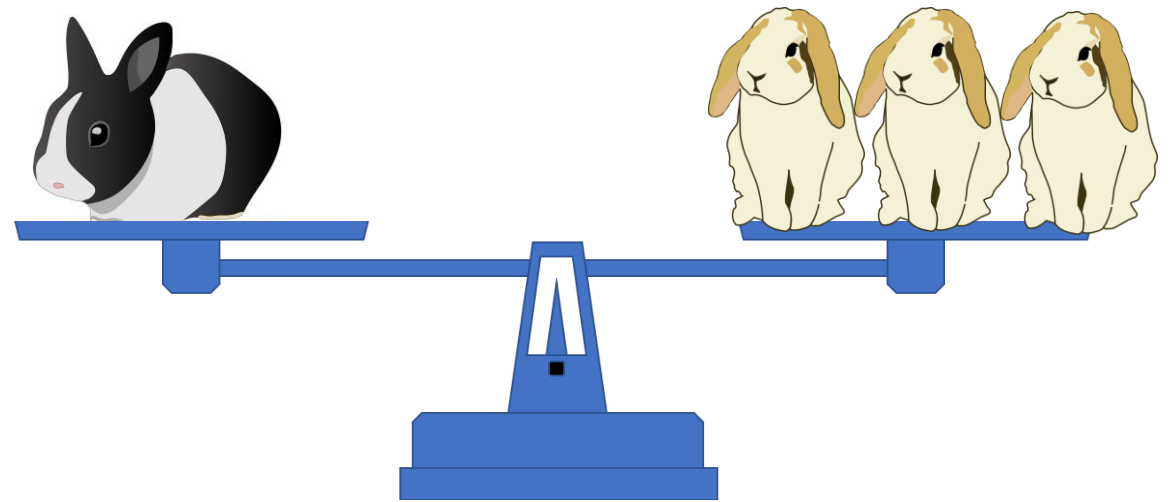
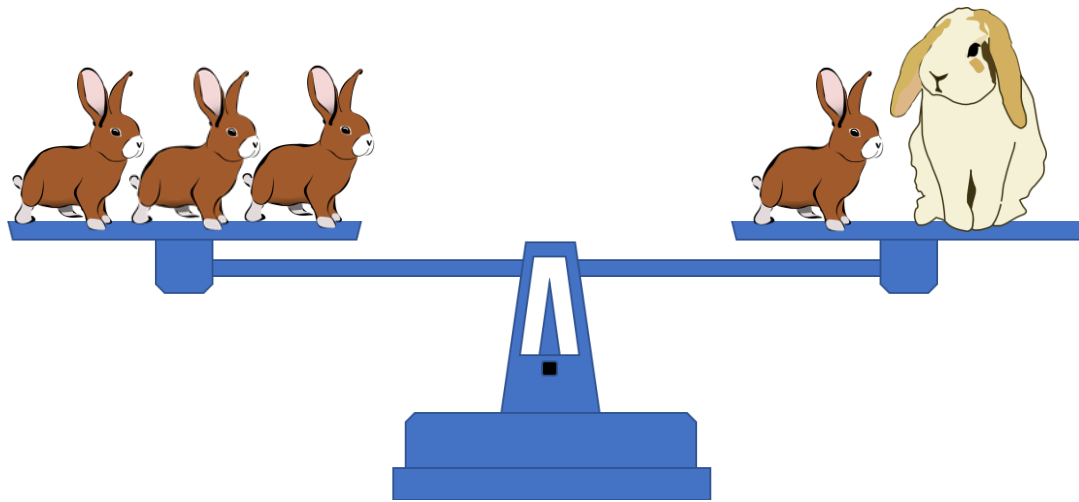


Rabbit pan balance problem



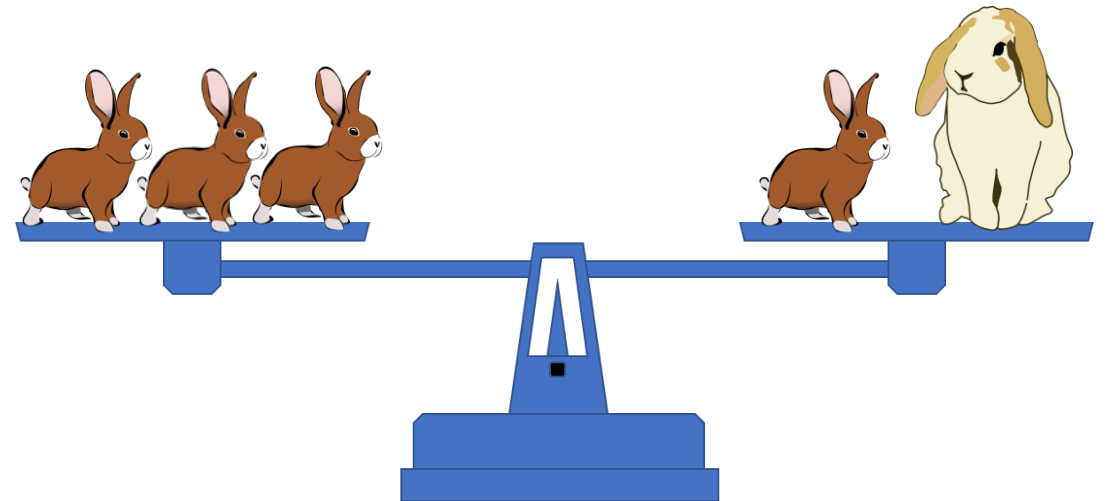
The black and white rabbit weighs the same as ___ brown baby rabbits.

Rabbit pan balance problem

Look at the left hand side pan balance.

Three baby brown rabbits weigh the same as one baby brown rabbit and a light brown rabbit.

We can say that the light brown rabbit is the same mass as two baby brown rabbits.



Rabbit pan balance problem

Now look at the right hand side pan balance.

The black and white rabbit has the same mass as three light brown rabbits.

We already know that two baby brown rabbits have the same mass as one light brown rabbit.

Therefore the black and white rabbit has the same mass as six baby brown rabbits.

