

Working with ratios

This task is about using ratios to work out missing amounts.

- a) In a netball tournament the Goal Shoot was successful in 6 out of every 7 attempts. If the Goal Shoot missed 7 attempts, how many goals were scored?



- b) The ratio of Year 9 to Year 10 students at a secondary school is 5 : 4.

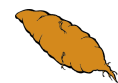
If the school has 360 students, how many **Year 9 students** are there? _____



- c) Perri and Apa had 60 kūmara to plant. Perri planted 36 and Apa planted 24.

Write the ratio of the number of kūmara that Perri planted to the number of kūmara Apa planted in its simplest form.

_____ : _____



- d) At the fiafia night the children drank 7 glasses of orange for every 5 glasses of raspberry and every 3 glasses of lemon.

If 66 glasses of lemon were consumed, how many glasses of orange and raspberry were drunk?

i) _____ glasses of orange

ii) _____ glasses of raspberry