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? | |
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| | | |
| b) | The ratio of Year 9 to Year 10 students at a secondary school is 5 : 4. | . 56 8 |
| | 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 | |
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