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| **Fractions, Percentages and Ratio Worded Problems** | |
| **(a)** | **(b)** |
| Elia has 10 hours of free time per week. She spends of her free time doing homework. She spends hours per week watching TV and films. The rest of her free time is split between football and hockey in the ratio . Find the percentage of her free time Elia spends on football. | Theo receives in wages each month. He spends of his wages on rent. He spends of his wages on bills and food. The amount of money he spends on bills and food is split in the ratio . Find the amount Theo spends on rent and food as a percentage of the total wages he received. |
| **(c)** | **(d)** |
| A school contains students. The ratio of boys to girls is . of the boys are left-handed and of the girls are left-handed. Find the percentage of students in the school that are left-handed. Give your answer to 1 decimal place. | On a farm there are pigs, cows, sheep and goats. of the animals are pigs and of the animals are cows. The remaining sheep and goats are in the ratio . If there are cows on the farm, find the total number of goats and pigs the farm. |