Fractions, Percentages and Ratio Worded Problems	
(a)	(b)
Elia has 10 hours of free time per week. She spends $\frac{7}{20}$ of her free	Theo receives £1800 in wages each month. He spends $\frac{1}{4}$ of his
time doing homework. She spends 4 hours per week watching TV and films. The rest of her free time is split between football and hockey in the ratio 3: 2. Find the percentage of her free time Elia spends on football.	wages on rent. He spends $\frac{5}{12}$ of his wages on bills and food. The amount of money he spends on bills and food is split in the ratio $7:3$ . Find the amount Theo spends on rent and food as a percentage of the total wages he received.
15%	37.5%
(c)	(d)
A school contains $910$ students. The ratio of boys to girls is $4:3$ .	On a farm there are pigs, cows, sheep and goats. $\frac{2}{9}$ of the
$15\%$ of the boys are left-handed and $\frac{2}{15}$ 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.	animals are pigs and $35\%$ of the animals are cows. The remaining sheep and goats are in the ratio $4:3$ . If there are $189$ cows on the farm, find the total number of goats and pigs the farm.
14.3%	120 pigs and 99 goats, so 219