Ratio and direct proportion

1.	For a certain concrete mixture sand and cement are mixed in the ratio 4 : 3. In one batch there are 32 bags of sand.	
	How many bags of cement are required?	[2]
2.	The ratio of males to females in a club is $2:5$. If there are 6 male members, how man members are there altogether in the club?	[2]
3.	Michael & David win £1600 on the lottery and are going to split it in the ratio 3:5. How much does each get?	[4]
4.	Jafar's heart beats at the rate of 84 beats per minute. How many beats will it make in 5 minutes?	[2]
5. per h	A jet can cover a distance of 2436 miles in 3.5 hours. What is its rate of travel in our ? [2]	miles
6.	Jack drives 400 km in 5 hours. At the same rate, how far could he drive in 8 hours?	[2]
7.	Paula paid £22 for 40 litres of petrol. How much would she pay for 47 litres?	[2]
	[16 marks]	