Quick Test - Ratios

1. Write each of these ratios in their simplest form:

a.	4 : 6	b.	15 : 21
c.	72 : 45	d.	24cm : 36cm
e.	350g : 2kg	f.	42p : £1.36

2. To make grey paint, black and white are mixed in the ratio 5 : 3. How much black would be needed with:

a.   6 litres of white?

b.   12 litres of white?

c.   21 litres of white?

3. To make salad dressing you mix olive oil and vinegar in the ratio 5 : 2. How much olive oil is needed with:

a.   10ml of vinegar?

b.   30ml of vinegar?

c.   42ml of vinegar?

4. Sarah works as a waitress. Each week she splits her wage into spending money and savings in the ratio 7 : 3.

a.   One week, Sarah earns £130. How much should she put in her savings?

b.   The next week, Sarah put £42 into her savings. How much did she earn in total that week?

5. The ratio of men to women at a football match is 11 : 4. How many men were there if there are:

a.   2000 women?

b.   8460 women?