Ratio and Proportion Revision

(a)	(b)	(c)	(d)
There are 40 pens and 15 pencils in a pot. Write down the ratio of pens to pencils in its simplest form.	There are 60 adults and 12 children on a bus. Write the ratio of adults to children in the form $n:1$	1 Euro is equivalent to £1.20. Convert 220 Euros into Pounds.	A table has width $80\,cm$ and length $1.96\,m$. Write the ratio of the width to length in the form $1:n$.

(e)	(f)	(g)	(h)
A soup recipe which serves 5 people requires $175g$ of carrots. Work out the amount of carrots required to make soup which serves 12 people.	The ratio of red sweets to green sweets in a jar is $7:2$. If there are 18 green sweets, how many red sweets are there?	Work out the largest share when £425 is divided in the ratio $9:8$.	Amjit, Bella and Chris share 1250 in the ratio $6:8:11$. Work out how much Chris receives.

(i)	(j)	(k)	(l)
Which is better value for money – 4 cakes for £1.25, 5 cakes for £1.49 or 6 cakes for £1.89?	In a jumble sale, Del, Eric and Fajar earned some money in the ratio $6:9:5$. Eric earned £36 more than Del. How much did Fajar earn?	The ratio of black squares to grey squares is $7:3$. The ratio of white squares to grey squares is $9:5$. Find the ratio of black squares to white squares in its simplest form.	The ratio of counters in bag A to bag B is $7:2$. Five counters are taken from bag A and added to bag B. The ratio of counters in bag A to bag B is now $8:3$. Find the number of counters now in bag A and in bag B.