

Mixed Ratio and Proportion Revision

(a)	(b)	(c)	(d)
<p>There are 40 pens and 15 pencils in a pot. Write down the ratio of pens to pencils in its simplest form.</p> <p style="text-align: center;">8:3</p>	<p>There are 60 adults and 12 children on a bus. Write the ratio of adults to children in the form $n:1$</p> <p style="text-align: center;">5:1</p>	<p>1 Euro is equivalent to £1.20. Convert 220 Euros into Pounds.</p> <p style="text-align: center;">£264</p>	<p>A table has width 80 <i>cm</i> and length 1.96 <i>m</i>. Write the ratio of the width to length in the form $1:n$.</p> <p style="text-align: center;">1:2.45</p>
(e)	(f)	(g)	(h)
<p>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.</p> <p style="text-align: center;">420g</p>	<p>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?</p> <p style="text-align: center;">63</p>	<p>Work out the largest share when £425 is divided in the ratio 9:8.</p> <p style="text-align: center;">£225</p>	<p>Amjit, Bella and Chris share \$1250 in the ratio 6:8:11. Work out how much Chris receives.</p> <p style="text-align: center;">\$550</p>
(i)	(j)	(k)	(l)
<p>Which is better value for money – 4 cakes for £1.25, 5 cakes for £1.49 or 6 cakes for £1.89?</p> <p style="text-align: center;">5 for £1.49</p>	<p>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?</p> <p style="text-align: center;">£60</p>	<p>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.</p> <p style="text-align: center;">35:27</p>	<p>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.</p> <p style="text-align: center;">Bag A – 72 counters Bag B – 27 counters</p>