Crack the Code — Dividing in a Ratio

A	Find the smallest part when £40 is shared in the ratio 3:1	**B**	Find the largest part when £40 is shared in the ratio 5:3
C	Find the smallest part when £80 is shared in the ratio 7:3	**D**	Find the largest part when £63 is shared in the ratio 7:2
E	Find the largest part when £90 is shared in the ratio 5:3:2	**F**	Find the smallest part when £65 is shared in the ratio 6:5:2
G	Amy and Ayesha earn £72 at a bake sale and share their earnings in the ratio 5:4. How much does Ayesha earn?	**H**	A garden contains 75 flowers, either roses or daffodils. The ratio of roses to daffodils is 3:2. How many roses are there?
I	Lucy, Mo and Neil share 250 sweets in the ratio 11:9:5. How many sweets do Mo and Neil receive in total?	**J**	The angles in a triangle are in the ratio 4:3:2. Find the size of the smallest angle.
K	Yusuf and Zola earn some money, which they share in the ratio 3:2. If Zola earned £24, how much did they earn in total?	**L**	Una, Victor and Wasil share some money in the ratio 5:3:6. Together Una and Victor receive £128. How much does Wasil receive?
M	Mary makes biscuits with a recipe that uses flour, butter and sugar in the ratio 3:2:4. She uses $80g$ more sugar than butter. How much flour is needed to make the biscuits?	**N**	The side lengths of a triangle are in the ratio 4:5:7. The difference in length between the shortest and longest side is $7.5\,cm$. Find the perimeter of the triangle.

To get the three-digit code, add together all your answers.