



Crack the Code



Dividing in a Ratio

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| 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.