

**CLASSWORK 15/07/2021**

**CHAPTER 16 : RATIO AND PROPORTION**

**DIVIDING A RATIO**

1.
  - (a) Divide £50 in the ratio 2 : 3.
  - (b) Divide £100 in the ratio 1 : 4.
  - (c) Divide £60 in the ratio 11 : 4.
  - (d) Divide 80 kg in the ratio 1 : 3.
2. Heidi and Briony get £80 by selling their old toys at a car boot sale. They divide the money in the ratio 2 : 3. How much money do they each receive?
3. In a chemistry lab, acid and water are mixed in the ratio 1 : 5. A bottle contains 216 ml of the mixture. How much acid and how much water were needed to make this amount of the mixture?
4. Blue and yellow paints are mixed in the ratio 3 : 5 to produce green. How much of each of the two colours are needed to produce 40 ml of green paint?
5. Simon, Sarah and Matthew are given a total of £300. They share it in the ratio 10 : 11 : 9. How much does each receive?