Dividing into a ratio

Read the questions carefully as not all questions need the same method

a. £60 is to be share between Gary and Susan in the ratio 2 : 3. How much does Susan receive?

b. Split £80 into two groups where one group is 3 times as big as the other

3 : 1 or 1 : 3
Needs 4 parts

c. Carol and Tim received some money in the ratio 5 : 4.
Tim received £60, how much was Carol's share?

d. To make concrete Alan mixes sand, cement and gravel in the ratio 3 : 1 : 4. He has 10kg of gravel. How much sand and cement should he use?

C : S : G
3 : 1 : 4
? : ? : 10 ↓

e. Helen and Ann shared a box of sweets in the ratio 4 : 7. Ann got 12 more sweets than Helen. How many sweets did Ann have?

This time we know the gap

Helen : Ann
4 : 7

LIVEWORKSHEETS