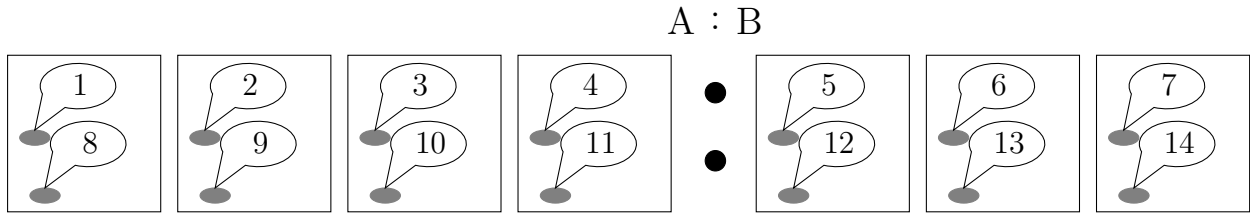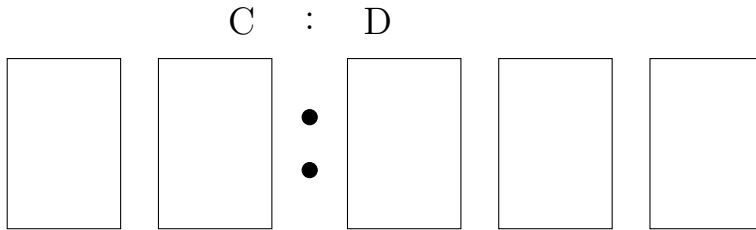1. (a) Rocco shares 14 counters between A and B in the ratio 4 : 3
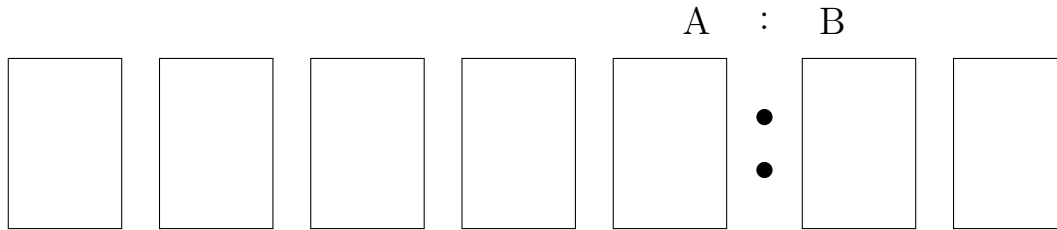
A : B

Complete: A gets ..... and B gets ......

(b) Share 20 counters between C and D in the ratio 2 : 3

C : D

Complete: C gets ..... and D gets ......

2. Share 21 between A and B in the ratio 5 : 2

A : B

Complete: A gets ..... and B gets ......

3.   3. . . . .

4. (a) There are some blue counters, some green counters and some red counters in a bag.
The maths teacher says: "The ratio of the number blue counters to the number of green counters to the number of red counters is 2 : 3 : 4 "
What fraction of the counters are green?

(b) In an cinema there are only premium seats and standard seats.
The ratio of the number of premium seats to the number of standard seats is 1 : 4
What fraction of the seats are premium seats?

5. (a) Faith and Katy share £35 in the ratio 3 : 2
Work out how much each person gets

(b) A news agent delivers magazines.
There are two types of magazine, monthly magazines and weekly magazines.
The ratio of the number of monthly magazines to the number of weekly magazines is 5 : 2
The total number of magazines is 28
Work out the number of monthly magazines.

6. The fraction of boys in a class is $\dfrac{3}{5}$

   Write down the ratio of the number of boys to the number of girls in the class.

7. (a) Nina and Patricia share £27 in the ratio 4 : 5
   Work out how much more money Patricia gets than Nina.

   (b) Nicki and Beyonce share £44 in the ratio 3 : 8
   Work out how much less money Nicki gets than Beyonce.

8. (a) A chocolate easter egg weighs 700 g.
   A teacher divides it into three pieces in the ratio 8 : 5 : 7
   Work out the weight of the largest piece.

   (b) Kat shares £480 between Mahsood, Shabnam and Tamwar in the ratio 2 : 3 : 7
   Work out how much each person gets.

   (c) A ribbon is 360 cm long.
   Louis cuts it into three pieces in the ratio 5 : 6 : 7
   Work out the length of the longest piece.

9. Emelie and Fern share some money in the ratio 3 : 5

   Fern gets £800

   Work out how much Emelie should have.

10. (a) There are only women and men at a film preview.
    The number of women and the number of men at the preview are in the ratio 8 : 17
    Work out the percentage of people at the preview that are men.

    (b) There are only boots, shoes and trainers in a pile by a front door.
    The number of boots, the number of shoes and the number of trainers by the front door are in the ratio 2 : 3 : 5
    Work out the percentage of the items by the front door that are shoes.