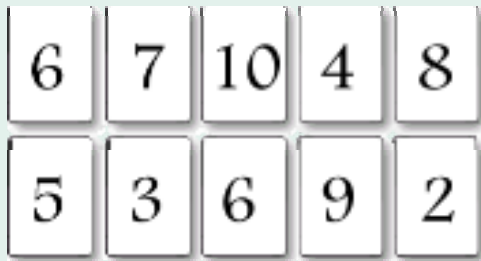


# Whole numbers.

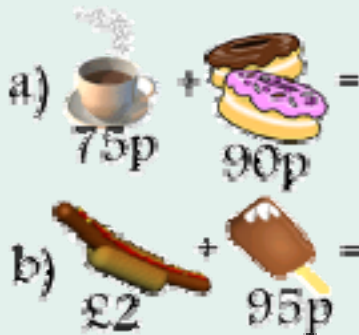
## Addition and subtraction

### Activities

1. Write out all the numbers pairs that add up to 12 using these cards. You will end up with five pairs of numbers.



2. Work out these addition problems in your head:



3. Add the score from the three dice. Subtract the total from 20 in your head:



4. Subtract 20 from each number below. Do the calculations in your head.

- a) 33    b) 23    c) 45    d) 22  
e) 29    f) 28    g) 36    h) 67

5. Calculate:

- a)  $12 + 4 + 43$                       b)  $23 + 11 + 5$   
c)  $32 + 11 + 10$                     d)  $9 + 13 + 21$   
e)  $21 - 12 - 1$                       f)  $33 - 1 - 20$   
g)  $23 - 12 + 10$                     h)  $31 + 21 - 30$

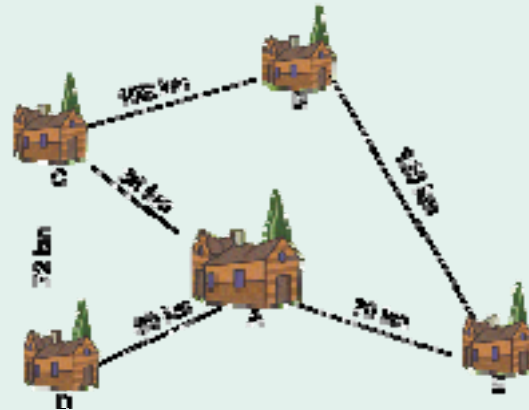
6. Calculate:

- a)  $24 - (11 - 5)$                       b)  $21 + (10 - 8)$   
c)  $35 - (12 + 21)$                     d)  $14 - (23 - 1)$   
e)  $21 - (13 - 7)$                       f)  $25 + (11 - 7)$

7. A box full of cardboard weighs 11 kg. It is taken to the recycling centre. The cardboard is thrown into the cardboard bank. The box now weighs 2kg. How much did the cardboard weigh?

8. The life expectancy of a woman is 83 years. The life expectancy of a man is 77 years- How much longer is the life expectancy of a woman?.

9. Julian works for a parcel delivery company. The picture shows the distances between the towns in his area. One day he has to deliver some parcels from town A to town B. What is the shortest route?



10. Robert's family are going to visit Seville this weekend. They expect to spend €100 on the hotel, €50 on a meal and €45 on petrol. At the moment they have €200. Do they have enough money for their trip? What is the difference between the money they have and the money they need?