

**Learning objective (Y2)** Know by heart all addition and subtraction facts for each number up to 10.

**You will need**  
A large whiteboard.

## 40 Money puzzle

### What to do

- Pose some word problems. For example, explain that two people have 10p altogether, and that one person has 2p more than the other.
- Invite the children to work out some possible amounts for each person.
- Look at all the combinations to see which one gives the correct difference.

### Target questions

- Have we found all the ways of making 10p?
- Which answer gives a difference of two?



**Learning objective (Y2)** State the subtraction corresponding to a given addition fact and vice versa.

**You will need**  
Prepared card triangles (featuring a number in each corner to show an addition/subtraction 'family' such as 7, 13 and 20).

## 41 Number families (3)

### What to do

- Hold up a triangle, obscuring the total with your grip. Ask for the total.
- Show all the numbers and ask for related (subtraction) number sentences.

### Target questions

- Have we found all the possible number sentences for these numbers?
- Can we reverse these numbers in our number sentence? (Addition is commutative, subtraction is not.)

**Learning Objective (Y3)** Recognise multiples of 5. Recall multiplication facts in five-times table.

**You will need**  
Prepared card triangles (featuring a number in each corner to show a multiplication/division 'family' involving the five-times table, such as 7, 5 and 35).

## 42 Number families (4)

### What to do

- Hold up a triangle, obscuring the total with your grip. Ask for the product.
- Show all the numbers and ask for related (division/sharing) number sentences.

### Target questions

- Have we found all the possible number sentences for these numbers?
- Can we reverse these numbers in our number sentence? (Multiplication is commutative, division is not.)