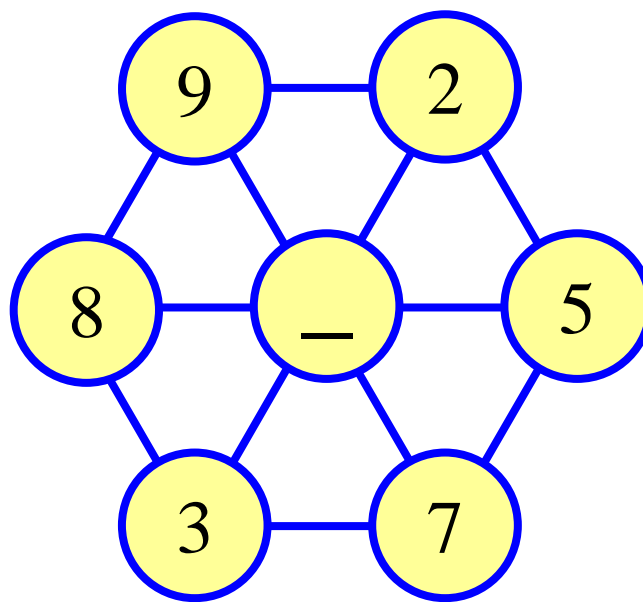




INVESTIGATION

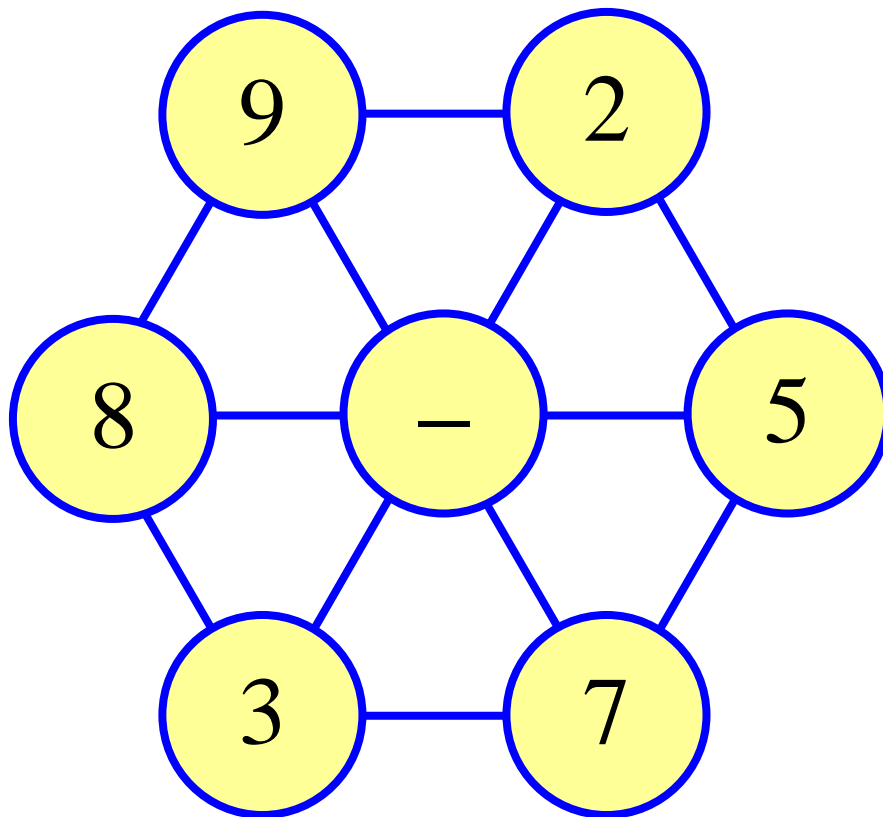


Subtract pairs



MathSphere

Investigate subtracting pairs of numbers



Make up subtraction sums using the numbers in the circles.



I've done one for you:

$$9 - 8 = 1$$

What other sums can you find?

Hint: try to do all the sums where you take away from 9 first.

Some Ideas

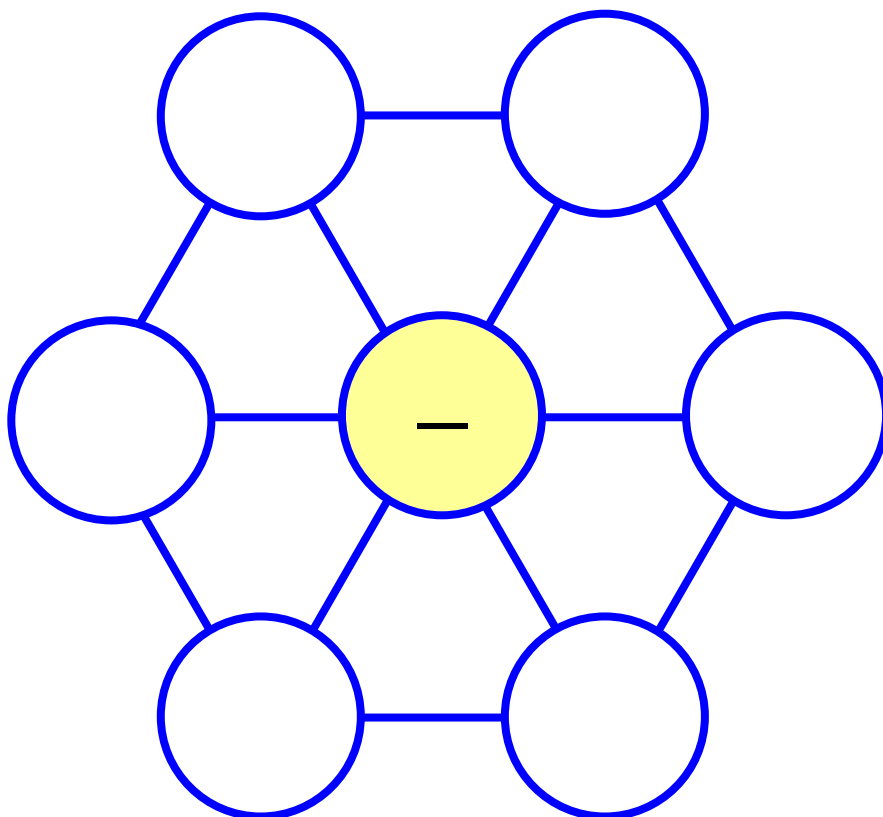
Work in a methodical way, recording your results carefully as you go.

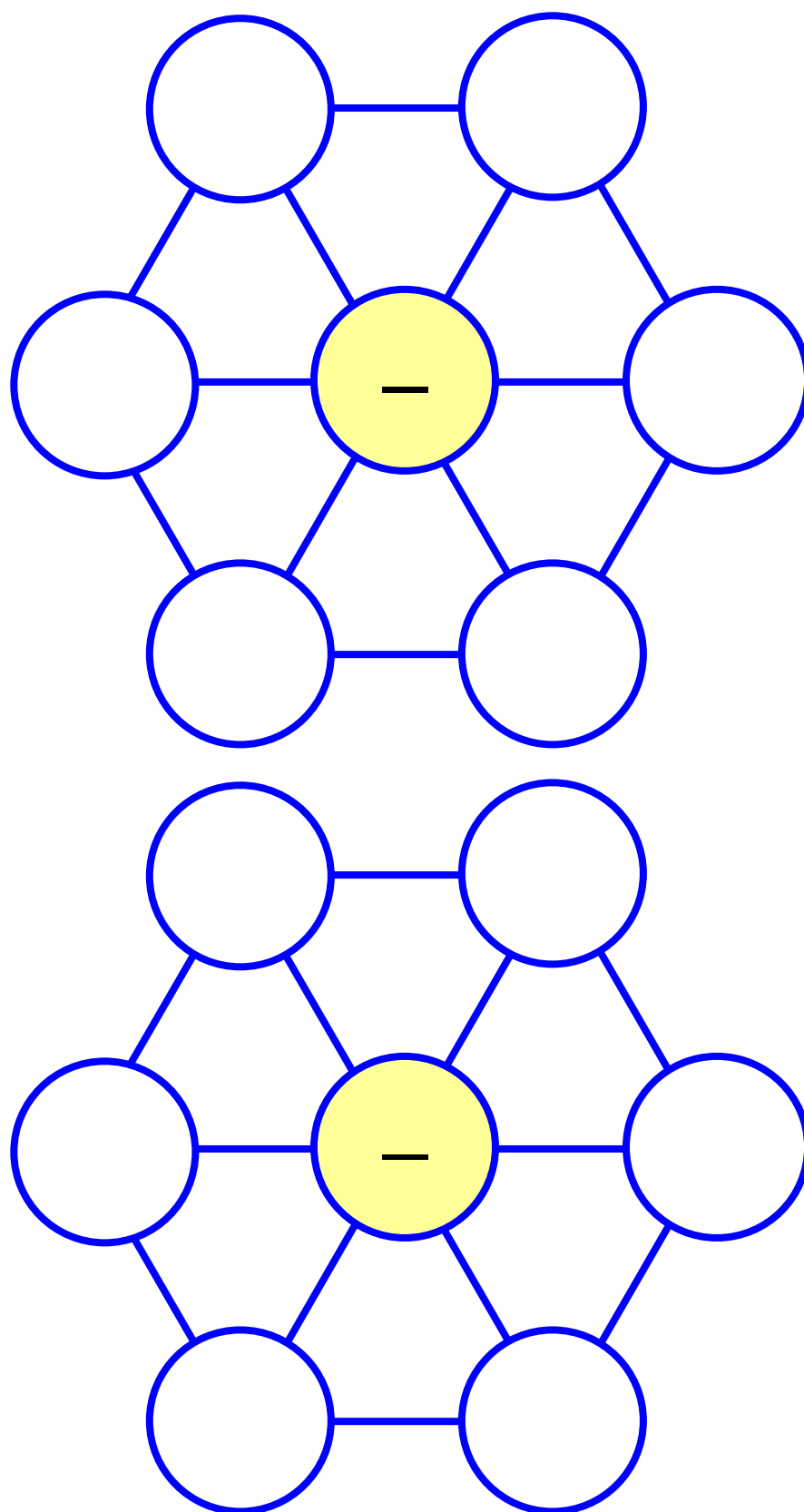
Start with the largest number (9) and take all the other numbers away from it.

Then go for the next largest number (8) and take all the other numbers away from it - but don't try to take 9 from 8!!

How do you know when you have done all the possible sums?

When you have done this write your own numbers in the circles and take away!





Investigation

Answer guide 1

An ideal investigation for younger children, especially years one or two.

Numeracy Strategy page 30/31 - know by heart subtraction facts up to and including 10.

This investigation is an excellent way to revise number bonds and subtraction up to 10.

The terms subtract and take away may need to be revised and apparatus such as cubes or counters may be needed to help with the subtractions.

Most children will probably start in a fairly random way, which makes checking whether they have repeated a sum quite difficult.

Encourage a systematic approach - starting with the largest number and working round the hexagon.

Some children may notice a pattern, there are 5 sums for the largest number, 4 for the second largest etc.

This is a good way of checking whether all the sums have been found.

This investigation will also show if children understand the order of a subtraction sum - some children will quite happily write down $2 - 9 = 7$.

When the initial hexagon has been completed blank examples are provided so that children can enter their own set of number