

## Maths Homework Option 1—Place Value Riddles

Read through each riddle carefully. Can you work out which number it is?

The number has five digits.

The ten thousands digit is  $20 \div 10$ .

The thousands digit is  $3 \times 3$ .

The hundreds digit is the thousands digit divided by 1.

The tens digit is half the ten thousands digit.

The ones digit is double the tens digit.

The number has five digits.

The ten thousands digit is half of 12.

The thousands digit is 2 more than the ten thousands digit.

The hundreds digit is the thousands digit divided by 8.

The tens digit is half the thousands digit.

The ones digit is double the tens digit.

The number has five digits.

The ten thousands digit is  $81 \div 9$ .

The thousands digit is  $11 \times 0$ .

The hundreds digit is the ten thousands digit divided by 3.

The tens digit is triple the thousands digit.

The ones digit is triple the hundreds digit.

The number has five digits.

The ten thousands digit  $33 \div 11$ .

The thousands digit is 5 more than the ten thousands digit.

The hundreds digit is the thousands digit divided by 2.

The tens digit is  $2 \times 2 \times 2$ .

The ones digit is a quarter of the tens digit.