

## NUMBERS AND THE NUMBER SYSTEM

### Pupils should be taught to:

Round whole numbers to the nearest 10, 100 or 1000

### As outcomes, Year 4 pupils should, for example:

Round any two- or three-digit number to the nearest 10 or 100. For example:

- 633 is 630 rounded to the nearest ten.  
837 is 840 rounded to the nearest ten.  
935 is 940 rounded to the nearest ten.
- 433 is 400 rounded to the nearest hundred.  
856 is 900 rounded to the nearest hundred.
- 650 is half way between 600 and 700.  
The nearest hundred to 650 is 700, because we round up when the number is half way between two hundreds.

Write a number between 600 and 700 which is nearer to 700 than to 600.

Round measurements in seconds, minutes, hours, metres, kilometres, miles, kilograms, litres to the nearest 10 or 100 units. For example:

- Round these distances from Penzance to the nearest 100 miles, then to the nearest 10 miles.

Aberdeen	660 miles
Edinburgh	542 miles
Fort William	650 miles
Kendal	703 miles
Leeds	375 miles

Estimate calculations by approximating. For example:

- Which of these is the best approximation for  $608 + 297$ ?  
 $600 + 200$      $700 + 300$      $600 + 300$   
 $600 + 97$      $610 + 300$
- Which of these is the best approximation for  $19 \times 6$ ?  
 $99 \times 6$      $20 \times 6$      $9 \times 60$      $20 \times 5$
- Approximate:  $19 \times 16$

See also examples on rounding in:  
rounding up or down after division (page 56),  
rounding measures (page 94) and  
estimating calculations (pages 66 and 68).