

# Stage 6 Knowledge Information

Read and write all numbers up to  
1 000 000.

545 809

Order decimals with tenths.

1.3, 2.2, 3.7

Find the number of ones, tens,  
hundreds and thousands in a  
whole number.

$3897 = 389$  tens

Order whole numbers in the range of  
0 – 1 000 000.

304, 3040, 30 040

Count forwards and backwards in tenths.

3.6, 3.7, ...

4.3, 4.2, ...

Know groupings (number bonds)  
within 1000.

$470 + 530 = 1000$

Round whole numbers to the nearest  
10, 100 or, 1000.

389 rounds to 400

7826 rounds to 8000

Round decimals with up to two decimal places to  
the nearest whole number.

3.32 rounds to 3

Know groups of 2, 3, 5 and 10 that  
are in numbers up to 100 and find the  
resulting remainders.

3s in 17 = 5r2

Count forwards and backwards in  
1s, 10s, 100s and 1000s from any  
number to 1 000 000.

9367, 9467, ...

15 532, 14 532, ...

Find how many tenths and hundredths are in  
decimals to two places.

8.1 has eighty-one tenths

3.49 has three hundred and forty-nine hundredths

Know addition and subtraction  
facts up to 20.

$16 - 9 = ?$

Read decimal numbers up to two  
decimal places.

6.57



What we are learning at Stage 6.

Know all multiplication facts to  
10 x 10 and the corresponding  
division facts.

$3 \times 5 = ?$

$15 \div 3 = ?$

**Read the symbols for any fractions.**

$5/20$ ,  $7/6$ ,  $1 \frac{1}{3}$

**Order fractions for halves, thirds, quarters, fifths, and tenths.**

$1/3$ ,  $1/4$ ,  $1/5$

**Convert improper fractions to mixed numbers.**

$3/2 = 1 \frac{1}{2}$

**Count forwards and backwards in halves, quarters, thirds, fifths and tenths.**

$1/5$ ,  $2/5$ ,  $3/5$ ,  $4/5$ ,  $5/5$

**Know groupings within 1000.**

$730 + ? = 1000$

### Ways to help at home:

- Look at numbers around your home/neighbourhood.
- Use count downs from 1 000 000.
- Practice times tables.
- Point out patterns that you notice.
- Give simple maths problems while you're out and about.
- Use a pack of cards to make addition, subtraction and multiplication problems.
- Make a game of counting forwards and backwards from random numbers to 1 000 000.
- Count, add up and subtract money.
- Read recipes and measure ingredients, focusing on fractions.
- Encourage them to read and complete simple equations using the time.
- Get them to memorise cellphone numbers.
- Add/compare prices while out shopping and discuss fractions like  $1/2$  price.