Subject: Maths
Next Step: To practise and build confidence with number bonds to 20
Exemplification

Rainbow to 10

0 1 2 3 4 5   **10**   5 6 7 8 9 10

0 + 10 = 10	10 + 0 = 10
1 + 9 = 10	9 + 1 = 10
2 + 8 = 10	8 + 2 = 10
3 + 7 = 10	7 + 3 = 10
4 + 6 = 10	6 + 4 = 10
5 + 5 = 10	5 + 5 = 10

Rainbow to 20

0 1 2 3 4 5 6 7 8 9 10   **20**   10 11 12 13 14 15 16 17 18 19 20

0 + 20 = 20	10 + 10 = 20
1 + 19 = 20	11 + 9 = 20
2 + 18 = 20	12 + 8 = 20
3 + 17 = 20	13 + 7 = 20
4 + 16 = 20	14 + 6 = 20
5 + 15 = 20	15 + 5 = 20
6 + 14 = 20	16 + 4 = 20
7 + 13 = 20	17 + 3 = 20
8 + 12 = 20	18 + 2 = 20
9 + 11 = 20	19 + 1 = 20

Subject: Maths
Next Step: To find fractions of amounts
Exemplification

Examples

$\frac{1}{3}$ of 15 = 15 ÷ 3
    = 5

$\frac{2}{3}$ of 15 = (15 ÷ 3) × 2
    = 5 × 2
    = 10

$\frac{7}{10}$ of 60 = (60 ÷ 10) × 7
    = 6 × 7
    = 42

Subject: Maths
Next Step: To find simple equivalent fractions
Exemplification

$\frac{1}{2}$s $\frac{1}{4}$s $\frac{1}{8}$s $\frac{1}{12}$s

$\frac{1}{3}$s $\frac{1}{6}$s $\frac{1}{9}$s $\frac{1}{12}$s

1   $\frac{1}{2}$s $\frac{1}{5}$s $\frac{1}{10}$s

Use the fraction wall to help you find fractions that are equivalent to each other:

e.g. $^1/_2 = {}^2/_4$ $^2/_4 = {}^4/_8$ $^4/_8 = {}^6/_{12}$

Subject: Maths

Next Step: To begin to add and subtract simple fractions.
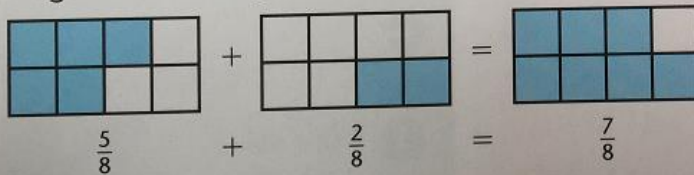
Exemplification

When both fractions have the same denominator (bottom number)

ADDING
Add the numerators (top numbers).
Denominator (bottom number) stays the same.
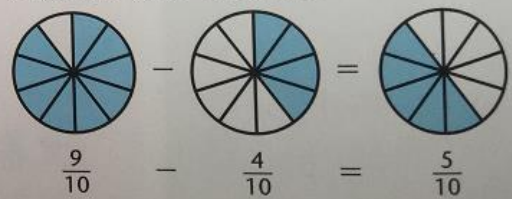
Example
5 eighths add 2 eighths

$$\frac{5}{8} + \frac{2}{8} = \frac{7}{8}$$

SUBTRACTING
Subtract the numerators.
Denominator stays the same.

Example
9 tenths take 4 tenths

$$\frac{9}{10} - \frac{4}{10} = \frac{5}{10}$$

Subject: Maths

Next Step: To practise column addition and subtraction.

Exemplification

```
    5  2  7
+   2  6  8
    7  9  5
       1
```

```
    3  8  4  9
+   1  5  3  7
    5  3  8  6
    1     1
```

```
    2  5  3  7  6
+      2  6  4  9
    2  8  0  2  5
       1  1  1
```

```
    4  1
    5̶  3  7
−   3  5  4
    1  8  3
```

```
    0  1  8  16  1
    X̶  4  9̶  7̶   1
−      7  2  9   5
    7  6  7   6
```

```
    8  1  7  11  1
    9̶  3  8̶  2̶  0
−   2  4  6   7  5
    6  9  1   4  5
```

Subject: Maths
Next Step: To practise column addition and subtraction with decimals.
Exemplification

£6·36 + £5·27

$$
\begin{array}{r}
6\cdot36 \\
+\ 5\cdot27 \\
\hline
£11\cdot63 \\
\end{array}
$$
✗

£15·28 + 47p

47p = £0·47

$$
\begin{array}{r}
15\cdot28 \\
+\ \ 0\cdot47 \\
\hline
£15\cdot75 \\
\end{array}
$$
✗

£10·42 − £5·31

$$
\begin{array}{r}
^{1}0\cdot42 \\
-\ \ 5\cdot31 \\
\hline
£5\cdot11 \\
\end{array}
$$

£18·38 − 69p

69p = £0·69

$$
\begin{array}{r}
1\overset{7}{8}\cdot\overset{2}{3}\overset{1}{8} \\
-\ \ 0\cdot69 \\
\hline
17\cdot69 \\
\end{array}
$$