

**Add numbers with more than 4 digits, including using formal written methods (columnar addition)**

**1** Solve the following using a method of your choice.

a  $436 + 241 =$

d  $76,022 + 2567 =$

b  $326 + 1173 =$

e  $14,384 + 80,412 =$

c  $6382 + 3617 =$

**2** Write in the missing digits in the column additions below.

$$\begin{array}{r} 1 \quad 6 \quad \square \quad 2 \\ + \quad 7 \quad 0 \quad 3 \quad 5 \\ \hline \square \quad \square \quad 4 \quad \square \end{array}$$

$$\begin{array}{r} 1 \quad 9 \quad 4 \quad 6 \quad 2 \\ + \quad \square \quad 8 \quad \square \quad 9 \quad 6 \\ \hline 6 \quad \square \quad 8 \quad \square \quad \square \end{array}$$

**3** Now try these using the formal written method of addition.

a  $4632 + 2065 =$

b  $6193 + 2374 =$

c  $53,427 + 41,741 =$

d  $26,389 + 73,412 =$

e  $79,304 + 50,849 =$

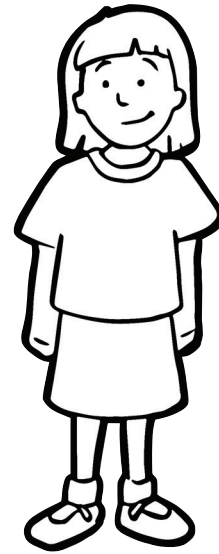
f  $626,380 + 143,849 =$

g  $794,427 + 838,604 =$



**4** Now try these. You will need to use your knowledge of inverse operations to find the missing numbers.

- a  - 6482 = 12,517
- b  - 32,387 = 64,534
- c  - 98,638 = 34,896
- d  - 128,424 = 72,778
- e  - 367,972 = 806,438



**5** Now try to solve these.

a Jon thought of a number. He took away **16,407**. His answer was **57,894**. What was his number?

b A library had **302,002** books. In June, the library bought **14,642** books and then another **26,437** books were bought in September. How many books did the library have now?



c

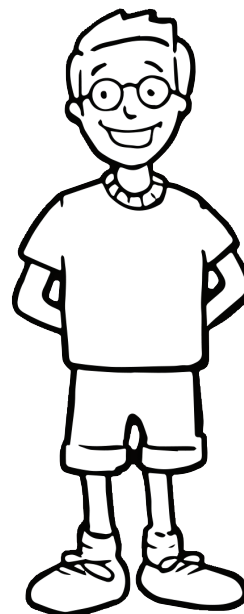
FOOTBALL ATTENDANCE - 27th MARCH	
BLUETOWN ROVERS	27,462
BOYCHESTER UNITED	31,387
NEWTOWN CITY	19,074
BYFORD VILLA	28,641



What was the total attendance at the football matches on the 27th March?

**Subtract numbers with more than 4 digits, including using formal written methods (columnar subtraction)**

**1** Solve the following using a method of your choice.



- a  $675 - 432 =$
- b  $4639 - 218 =$
- c  $7348 - 6214 =$
- d  $19,654 - 9412 =$
- e  $173,861 - 41,631 =$

**2** Write the missing digits in the column subtractions below.

a

$$\begin{array}{r}
 \square 4 \square 6 \\
 - 4324 \\
 \hline
 4 \square 6 \square
 \end{array}$$

b

$$\begin{array}{r}
 12852 \\
 - \square 76\square \\
 \hline
 3\square\square 1
 \end{array}$$

**3** Now try these using formal written methods of subtraction.

- a  $6382 - 4271 =$
- b  $8891 - 5683 =$
- c  $64,382 - 26,471 =$
- d  $93,427 - 60,739 =$
- e  $127,583 - 75,698 =$
- f  $834,601 - 497,526 =$
- g  $706,008 - 628,439 =$