

# Year 4 Addition and Subtraction

## Addition: Column Method

1

$$\begin{array}{r} 7349 \\ +6785 \\ \hline \end{array}$$

Place the numbers one on top of the other, lining up the thousands, hundreds, tens and ones.

2

$$\begin{array}{r} 7349 \\ +6785 \\ \hline 4 \end{array}$$

Add the ones and write the answer.

3

$$\begin{array}{r} 7349 \\ +6785 \\ \hline 4 \\ \hline \end{array}$$

Carry any tens to the tens column.

4

$$\begin{array}{r} 7349 \\ +6785 \\ \hline 34 \\ \hline \end{array}$$

Add the tens including any tens you have carried. Carry any hundreds to the hundreds column.

5

$$\begin{array}{r} 7349 \\ +6785 \\ \hline 134 \\ \hline \end{array}$$

Add the hundreds including any hundreds you have carried.

6

$$\begin{array}{r} 7349 \\ +6785 \\ \hline 14134 \\ \hline \end{array}$$

Add the thousands including any thousands you've carried.

7

$$\begin{array}{r} 7349 \\ +6785 \\ \hline 14134 \\ \hline 111 \end{array}$$

Check your answer.

## Subtraction: Column Method

1

$$\begin{array}{r} 5346 \\ -2747 \\ \hline \end{array}$$

Place the numbers one on top of the other, lining up the thousands, hundreds, tens and ones. Subtract the ones (the answer to  $6 - 7$  is negative).

2

$$\begin{array}{r} 53\cancel{4}6 \\ -2747 \\ \hline 9 \end{array}$$

Exchange a 10 from the 40 to give 16 ones. Subtract the ones:  $16 - 7 = 9$ .

3

$$\begin{array}{r} 5\cancel{3}46 \\ -2747 \\ \hline 99 \end{array}$$

Subtract the tens (the answer to  $30 - 40$  is negative). Exchange a 100 from the 300 to give:  $130 - 40 = 90$ .

4

$$\begin{array}{r} 5\cancel{3}46 \\ -2747 \\ \hline 599 \end{array}$$

Subtract the hundreds (the answer to  $200 - 700$  is negative). Exchange a 1000 from the 5000 to give:  $1200 - 700 = 500$ .

5

$$\begin{array}{r} 5\cancel{3}46 \\ -2747 \\ \hline 2599 \end{array}$$

Subtract the thousands:  $4000 - 2000 = 2000$ .

6

$$\begin{array}{r} 5346 \\ -2747 \\ \hline 2599 \end{array}$$

Check your answer.

### Inverse operations

$$1230 + 3589 = 4819$$

$$3589 + 1230 = 4819$$

$$4819 - 1230 = 3589$$

$$4819 - 3589 = 1230$$

inverse  
operation  
opposite  
reverse  
backwards

addition  
more  
plus  
increase  
sum

altogether  
subtract  
take  
difference  
how many less

take away  
minus  
remove  
fewer  
decrease



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