

Written addition (3)



- Add whole numbers with 5 and 6 digits using the formal written method
- Use rounding to check answers to calculations

Work out these calculations then use rounding to check your answers.

- | | | | |
|---|-----------------|---|-----------------|
| a | 34 587 + 27 251 | b | 38 183 + 10 687 |
| c | 26 419 + 47 256 | d | 53 287 + 39 451 |
| e | 32 942 + 61 574 | f | 47 106 + 38 729 |
| g | 72 286 + 15 807 | h | 66 328 + 27 845 |
| i | 23 429 + 51 715 | j | 15 683 + 72 158 |

Example

$$\begin{array}{r} 48732 \\ + 35249 \\ \hline 83981 \\ \hline \end{array}$$

↓

$$\begin{array}{r} 48700 \\ + 35200 \\ \hline 83900 \\ \hline \end{array}$$

1 Work out these calculations then use rounding to check your answers.

- | | | | |
|---|-------------------|---|-------------------|
| a | 57 492 + 61 739 | b | 41 486 + 69 377 |
| c | 85 262 + 42 859 | d | 67 491 + 75 319 |
| e | 63 874 + 86 427 | f | 376 387 + 245 034 |
| g | 268 552 + 488 271 | h | 373 193 + 561 857 |
| i | 520 382 + 282 738 | j | 295 381 + 701 988 |
| k | 365 276 + 43 153 | l | 561 187 + 9352 |
| m | 83 875 + 365 174 | n | 6843 + 232 877 |
| o | 87 876 + 247 832 | p | 538 286 + 5741 |

Example

$$\begin{array}{r} 568259 \\ + 40783 \\ \hline 609042 \\ \hline \end{array}$$

↓

$$\begin{array}{r} 568300 \\ + 40800 \\ \hline 609100 \\ \hline \end{array}$$

2 Challenge your partner.

- Write an addition calculation. The two numbers must have a different number of digits.
- Give it to your partner to work out.
- Check their answer.



Challenge 3

1 Work out these calculations then use rounding to check your answers.

- | | |
|---|-------------------------|
| a | 562 287 + 4837 + 23 387 |
| b | 5983 + 27 598 + 165 382 |
| c | 74 211 + 8355 + 275 487 |
| d | 746 322 + 48 376 + 8435 |
| e | 37 893 + 9999 + 487 377 |
| f | 4763 + 362 152 + 53 265 |
| g | 267 854 + 7061 + 45 782 |
| h | 6258 + 38 699 + 783 652 |
| i | 65 251 + 3973 + 562 387 |

Example

$$\begin{array}{r} 4873 \\ 27596 \\ + 613462 \\ \hline 645931 \\ \hline \end{array}$$

↓

$$\begin{array}{r} 4900 \\ 27600 \\ + 613500 \\ \hline 646000 \\ \hline \end{array}$$


2 Work out the missing numbers in these calculations.

- | | | | |
|---|-----------------------|---|-----------------------|
| a | 276 397 + ☆ = 437 982 | b | 387 276 + ☆ = 739 103 |
| c | 492 387 + ☆ = 812 398 | d | 506 229 + ☆ = 788 251 |
| e | 381 092 + ☆ = 965 211 | f | 376 286 + ☆ = 851 836 |
| g | 593 251 + ☆ = 755 261 | h | 279 762 + ☆ = 804 243 |
| i | 617 334 + ☆ = 973 255 | j | 399 836 + ☆ = 800 386 |

