

## Monday 30<sup>th</sup> March Written method for addition

Choose your level of challenge: A (mild), B (medium) or C (spicy). Please complete at least 6 of the number problems and all the word problems. Then mark using the answers on the next page.

### TARGET To add numbers using a written method

Examples

$$\begin{array}{r} 527 \\ + 268 \\ \hline 795 \\ 1 \end{array}$$

$$\begin{array}{r} 3849 \\ + 1537 \\ \hline 5386 \\ 1 \quad 1 \end{array}$$

$$\begin{array}{r} 25376 \\ + 2649 \\ \hline 28025 \\ 1 \quad 1 \quad 1 \end{array}$$

### A

Copy and complete.

1  $\begin{array}{r} 57 \\ + 24 \\ \hline \end{array}$       6  $\begin{array}{r} 156 \\ + 138 \\ \hline \end{array}$

2  $\begin{array}{r} 62 \\ + 36 \\ \hline \end{array}$       7  $\begin{array}{r} 262 \\ + 145 \\ \hline \end{array}$

3  $\begin{array}{r} 84 \\ + 43 \\ \hline \end{array}$       8  $\begin{array}{r} 484 \\ + 154 \\ \hline \end{array}$

4  $\begin{array}{r} 47 \\ + 36 \\ \hline \end{array}$       9  $\begin{array}{r} 308 \\ + 127 \\ \hline \end{array}$

5  $\begin{array}{r} 91 \\ + 59 \\ \hline \end{array}$       10  $\begin{array}{r} 523 \\ + 191 \\ \hline \end{array}$

11 In one hour 274 cars pass the school going one way and 219 going the other way. How many cars pass the school altogether?

12 There are 183 raffle tickets sold from the green book and 159 from the orange book. How many raffle tickets are sold altogether?

13 Small cans weigh 275 g. Large cans weigh 165 g more. What do large cans weigh?

### B

Copy and complete.

1  $\begin{array}{r} 1386 \\ + 1278 \\ \hline \end{array}$       6  $\begin{array}{r} 2243 \\ + 1587 \\ \hline \end{array}$

2  $\begin{array}{r} 2467 \\ + 353 \\ \hline \end{array}$       7  $\begin{array}{r} 4656 \\ + 2391 \\ \hline \end{array}$

3  $\begin{array}{r} 3596 \\ + 462 \\ \hline \end{array}$       8  $\begin{array}{r} 3715 \\ + 2748 \\ \hline \end{array}$

4  $\begin{array}{r} 2691 \\ + 745 \\ \hline \end{array}$       9  $\begin{array}{r} 4589 \\ + 3239 \\ \hline \end{array}$

5  $\begin{array}{r} 4587 \\ + 4256 \\ \hline \end{array}$       10  $\begin{array}{r} 5974 \\ + 3494 \\ \hline \end{array}$

11 There are 3767 children and 2539 adults at a concert. How many people are there at the concert altogether.

12 There are 7496 trees in a forest. 1286 new trees are planted. How many trees are there in the forest now?

13 A vineyard produces 2758 bottles of white wine and 1946 bottles of red wine. How many bottles does it produce altogether?

### C

Set out as in the examples.

1  $24769 + 3753$

2  $38672 + 15698$

3  $56958 + 3774$

4  $75497 + 23586$

5  $49835 + 5676$

6  $37583 + 27897$

7  $68346 + 14978$

8  $86795 + 3575$

9  $57867 + 26594$

10  $49489 + 14682$

11  $68953 + 27698$

12  $36476 + 35989$

13 Emma has £32 495 in her savings account. She pays in £2839. How much is in her account now?

14 In one day 54 806 passengers arrive at an airport and 29 325 depart. How many people pass through the airport?

## ANSWERS

If you have made mistakes, try to work out where you went wrong.

16 262

17 86

18 160

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### **A**

1 81

2 98

3 127

4 83

5 150

6 294

7 407

8 638

9 435

10 714

11 493

12 342

13 440 g

### **B**

1 2664

2 2820

3 4058

4 3436

5 8843

6 3830

7 7047

8 6463

9 7828

10 9468

11 6306

12 8782

13 4704

### **C**

1 28 522

2 54 370

3 60 732

4 99 083

5 55 511

6 65 480

7 83 324

8 90 370

9 84 461

10 64 171

11 96 651

12 72 465

13 £35 334

14 84 131

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### **A**