

Be the Teacher

Miss Dumencic is marking work, but she has lost the answer sheet. She must check each answer by doing the **inverse operation** (the opposite calculation). Help Miss Dumencic by completing the inverse operation to see if the calculation is correct. Place a tick in the box by the calculations that are correct. The first has been done for you.

1

$$\begin{array}{r} 2 \quad 5 \quad 9 \quad 3 \\ + \quad 3 \quad 2 \quad 4 \quad 4 \\ \hline 5 \quad 8 \quad 3 \quad 7 \\ \hline 1 \end{array}$$



$$\begin{array}{r} 5 \quad \cancel{8}^1 \quad 3 \quad 7 \\ - \quad 2 \quad 5 \quad 9 \quad 3 \\ \hline 3 \quad 2 \quad 4 \quad 4 \\ \hline \end{array}$$

2

$$\begin{array}{r} 3 \quad \cancel{8}^1 \quad 2 \quad 4 \\ - \quad 2 \quad 3 \quad 5 \quad 2 \\ \hline 1 \quad 5 \quad 3 \quad 2 \\ \hline \end{array}$$



$$+ \begin{array}{|c|c|c|c|} \hline & & & \\ \hline & & & \\ \hline \end{array}$$

3

$$\begin{array}{r} 4 \quad \cancel{8}^1 \quad 3 \quad 4 \\ - \quad 2 \quad 8 \quad 4 \quad 2 \\ \hline 2 \quad 0 \quad 9 \quad 2 \\ \hline \end{array}$$



$$+ \begin{array}{|c|c|c|c|} \hline & & & \\ \hline & & & \\ \hline \end{array}$$



4

$$\begin{array}{r}
 5 \quad 3 \quad 1 \quad 9 \\
 + \quad 2 \quad 5 \quad 4 \quad 3 \\
 \hline
 7 \quad 8 \quad 6 \quad 2 \\
 \hline
 1
 \end{array}$$



-

5

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



-

6

$$\begin{array}{r}
 8 \quad \cancel{6}^1 \quad \cancel{4}^1 \quad 3 \\
 - \quad 2 \quad 3 \quad 5 \quad 7 \\
 \hline
 6 \quad 2 \quad 8 \quad 6 \\
 \hline
 \end{array}$$



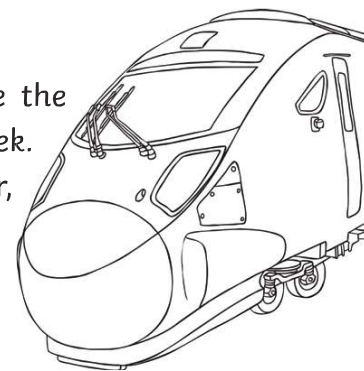
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Estimation Station

Euston Station in London is an extremely busy train station. Here are the results for the number of people using this station each day for a week. Round each number to the nearest thousand. Remember, for each number, look at the hundreds column. If it is **5 or more**, you round up and if it is **4 and under**, you round down.

For example: 5796 rounds up to 6000



Day	Number of visitors	Rounded to the nearest thousand
Monday	5679	
Tuesday	8216	
Wednesday	4423	
Thursday	3758	
Friday	8921	
Saturday	7526	
Sunday	8469	

When completing column addition and subtraction questions, you should try to estimate the answer first as this will give you an indication of what the answer should be. If your answer to the calculation isn't close to your estimation, you may have made a mistake and then you can recalculate the answer. To estimate the answer, you will need to round each number to the nearest thousand then add or subtract the rounded numbers.

For example: $3549 + 4561$

Rounded is: $4000 + 5000 = 9000$

Use rounding to estimate the answers to the following questions:

1. $4685 + 6258$ rounded is _____ + _____ = _____

2. $8254 - 3549$ rounded is _____ - _____ = _____

3. $7635 - 6210$ rounded is _____ - _____ = _____