



Maths Focus: Mental and written addition and using the inverse to solve problems

Helpful Hints: use the inverse of subtraction to solve some of the unknown values as well as thinking about how the exchange may affect the other digits

| Level 1 | Level 2 | Level 3 |
|--|---|---|
| <p>Matthew has worked out the answers to some Maths questions but has accidentally got some pen ink over his work! Help him to figure out the unknown digits.</p> <div style="border: 1px solid black; border-radius: 15px; padding: 10px; margin-bottom: 10px;"> $15 + \text{[ink]} = 21$ </div> <div style="border: 1px solid black; border-radius: 15px; padding: 10px; margin-bottom: 10px;"> $50 = 39 + \text{[ink]}$ </div> <div style="border: 1px solid black; border-radius: 15px; padding: 10px;"> $\text{[ink]} = 52 + 9$ </div> <p>1. Figure out the unknown digits by writing the number sentences out again showing what numbers are underneath the ink splats.</p> | <p>Matthew has worked out the answers to some Maths questions but has accidentally got some pen ink over his work! Help him to figure out the unknown digits.</p> <div style="border: 1px solid black; border-radius: 15px; padding: 10px; margin-bottom: 10px;"> $\begin{array}{r} 36 \\ + \text{[ink]}2 \\ \hline 7\text{[ink]} \end{array}$ </div> <div style="border: 1px solid black; border-radius: 15px; padding: 10px;"> $\begin{array}{r} \text{[ink]}44 \\ + 19\text{[ink]} \\ \hline 9\text{[ink]}7 \end{array}$ </div> <p>1. Figure out the unknown digits by writing the written calculation out again showing what numbers are underneath the ink splats.</p> | <p>Matthew has worked out the answers to some Maths questions but has accidentally got some pen ink over his work! Help him to figure out the unknown digits.</p> <div style="border: 1px solid black; border-radius: 15px; padding: 10px; margin-bottom: 10px;"> $\begin{array}{r} 2\text{[ink]}37 \\ + 462\text{[ink]} \\ \hline \text{[ink]}1\text{[ink]}2 \end{array}$ </div> <div style="border: 1px solid black; border-radius: 15px; padding: 10px;"> $\begin{array}{r} \text{[ink]}4.\text{[ink]}\text{[ink]} \\ + \quad 9.08 \\ \hline 7\text{[ink]}.42 \end{array}$ </div> <p>1. Figure out the unknown digits by writing the written calculation out again showing what numbers are underneath the ink splats.</p> |