

# Problem solving: finding the missing digits

Maths worksheets from [urbrainy.com](http://urbrainy.com)



Can you follow my clues to work out the missing digits?

Tip: read all the clues before you start.

1.

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The digit total of the whole number is 20.

The ones digit is four more than the hundreds digit.

The hundreds digit is one less than the thousands digit.

The thousands and hundreds digits have a digit total of 11.

2.

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The digit total of the whole number is 10.

The ones digit is double the tens digit.

The hundreds digit is one more than the tens digit.

The thousands and hundreds digits have a digit total of 4.

3.

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The digit total of the whole number is 15.

The ones digit is half the hundreds digit.

The hundreds digit is one more than the thousands digit.

The thousands and tens digits have a digit total of 6.

4.

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The digit total of the whole number is 21.

The tens digit is double the hundreds digit.

The hundreds and ones digits have a digit total of 4.

The thousands digit is one more than the tens digit.

5.

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The digit total of the whole number is 12.

The ones digit is double the thousands digit.

The hundreds digit is one less than the thousands digit.

The thousands and tens digits have a digit total of 4.

6.

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The digit total of the whole number is 13.

The ones digit is half the thousands digit.

The tens digit is two more than the thousands digit.

The hundreds and tens digits have a digit total of 7.

Name: \_\_\_\_\_

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1.

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The digit total of the whole number is 11.  
The ones digit is four more than the thousands digit.  
The thousands and tens digit are the same.  
The hundreds digit is half the tens digit.

2.

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The digit total of the whole number is 21.  
The ones digit is six less than the tens digit.  
The hundreds digit is three less than the tens digit.  
The thousands and hundreds digits have a digit total of 13.

3.

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The digit total of the whole number is 23.  
The ones digit is the same as the thousands digit.  
The hundreds digit is seven less than the thousands digit.  
The tens and ones digits have a digit total of 16.

4.

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The digit total of the whole number is 13.  
The tens digit is half the ones digit.  
The hundreds and ones digits have a digit total of 9.  
The thousands digit is one more than the ones digit.

5.

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The digit total of the whole number is 19.  
The ones digit is half the tens digit.  
The hundreds digit is one less than the ones digit.  
The thousands digit is four times the hundreds digit.  
The tens and ones digit have a digit total of 9.

6.

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The digit total of the whole number is 26.  
The tens digit is half the ones digit.  
The hundreds digit is one more than the ones digit.  
The thousands digit is one more than the tens digit.  
The tens and ones digits have a digit total of 12.

Name: \_\_\_\_\_