How can I calculate absolute values in VBA? Can you provide an example?

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To calculate absolute values in VBA, you can use the ABS function, which returns the absolute value of a given number. This function takes in one argument, the number for which the absolute value is to be calculated. An example of using the ABS function in VBA would be as follows: ABS(-5) would return 5 as the absolute value. This function can be useful in various scenarios, such as when dealing with negative numbers or calculating distances.

Calculate Absolute Values in VBA (With Example)

The absolute value of a number represents the distance between the number and zero.

To calculate absolute values in VBA, you can use the Abs function.

Here is one common way to use this function in practice:

```
Sub FindAbsoluteValue()

Dim i As Integer

For i = 2 To 10
Range("B" & i) = Abs(Range("A" & i))
Next i

End Sub
```

This particular example calculates the absolute value of

each cell in the range A2:A10 and displays them in the range B2:B10.

The following example shows how to calculate absolute values in VBA in practice.

Example: How to Calculate Absolute Values in VBA

Suppose we have the following list of values in Excel:

	A	B	C	D	E	F
1	**Values**					
2	4					
3	14					
4	-5					
5	-0.332					
6	0.4					
7	15					
8	-224					
9	-100					
10	0					
11						
12						
13						
14						
15						
16						
17						
18						

Suppose we would like to calculate the absolute value of each cell in column A and display them in column B.

We can create the following macro to do so:

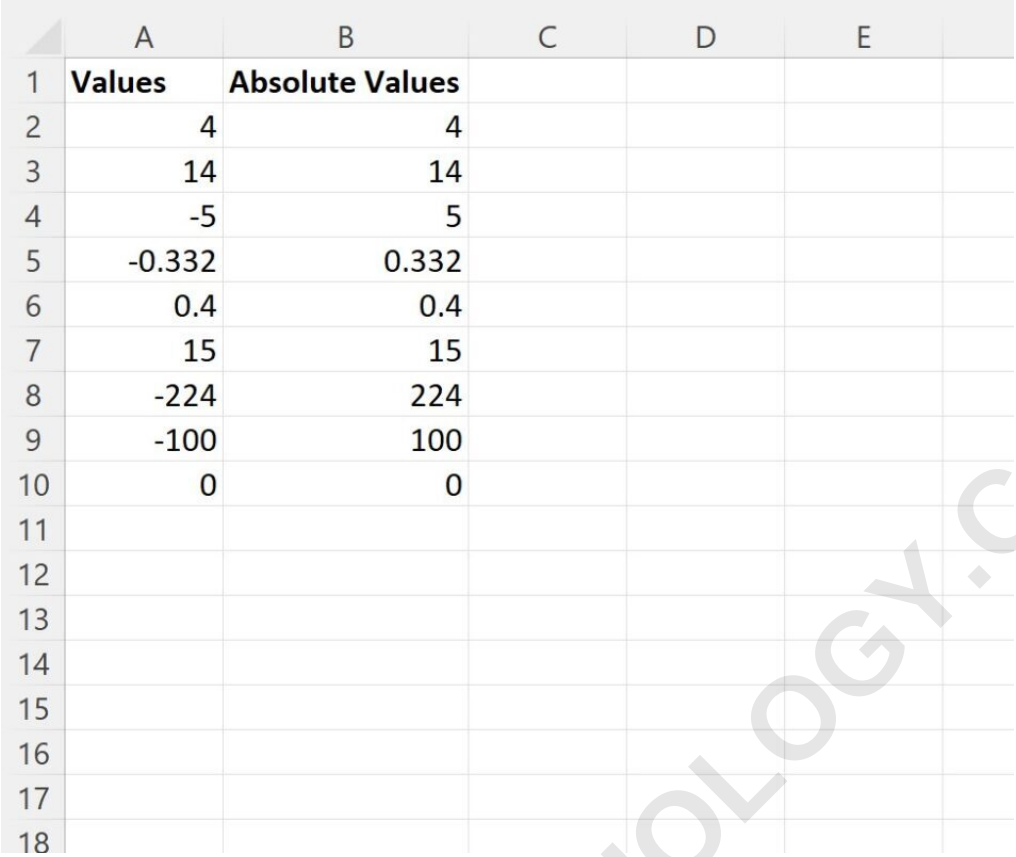
```
Sub FindAbsoluteValue()

Dim i As Integer

For i = 2 To 10
Range("B" & i) = Abs(Range("A" & i))
Next i

End Sub
```

When we run this macro, we receive the following output:



	A	B	C	D	E
1	**Values**	**Absolute Values**			
2	4	4			
3	14	14			
4	-5	5			
5	-0.332	0.332			
6	0.4	0.4			
7	15	15			
8	-224	224			
9	-100	100			
10	0	0			
11					
12					
13					
14					
15					
16					
17					
18					

Column B now displays the absolute value of each value in column A.

Notice that each of the positive values in column A remained positive in column B.

Also notice that each of the negative values in column A were converted to positive in column B.