

```

Dim occup(28) As Boolean
'-----
' Badaboum5 Macro
' Macro enregistrée le 15/02/2011 par Halloduda
'
For i = 1 To 15
occup(i) = False
Next
'-----
For a = 1 To 15
occup(a) = True
Range("T6").Value = a

For b = 1 To 15
If occup(b) Then GoTo nb 'occupé par a
ab = Abs(a - b)
If occup(ab) Then GoTo nb 'ab pas bon
If ab = b Then GoTo nb
occup(ab) = True
occup(b) = True
Range("V6").Value = b

For c = 1 To 15
If occup(c) Then GoTo nc 'occupé par a, b, ab
bc = Abs(b - c)
If occup(bc) Then GoTo nc 'bc pas bon
abc = Abs(ab - bc)
If occup(abc) Then GoTo nc 'abc pas bon
If abc = c Then GoTo nc
If abc = bc Then GoTo nc
'-----ça va provisoirement
occup(abc) = True
occup(bc) = True
occup(c) = True
Range("X6").Value = c

For d = 1 To 15
If occup(d) Then GoTo nd 'a, b, c, ab, bc, abc
cd = Abs(c - d)
If occup(cd) Then GoTo nd
If cd = d Then GoTo nd
bcd = Abs(bc - cd)
If occup(bcd) Then GoTo nd
If bcd = d Then GoTo nd
If bcd = cd Then GoTo nd
If cd = bcd Then GoTo nd
abcd = Abs(abc - bcd)
If occup(abcd) Then GoTo nd
If abcd = d Then GoTo nd
If abcd = cd Then GoTo nd

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```
If abcd = bcd Then GoTo nd
occup(abcd) = True
occup(bcd) = True
occup(cd) = True
occup(d) = True
Range("Z6").Value = d
```

```
For e = 1 To 15
If occup(e) Then GoTo ne
de = Abs(d - e)
If occup(de) Then GoTo ne
If de = e Then GoTo ne
cde = Abs(cd - de)
If occup(cde) Then GoTo ne
If cde = e Then GoTo ne
If cde = de Then GoTo ne
bcde = Abs(bcd - cde)
If occup(bcde) Then GoTo ne
If bcde = e Then GoTo ne
If bcde = de Then GoTo ne
If bcde = cde Then GoTo ne
abcde = Abs(abcd - bcde)
If occup(abcde) Then GoTo ne
occup(abcde) = True
occup(bcde) = True
occup(cde) = True
occup(de) = True
occup(e) = True
Range("AB6").Value = e
```

```
Stop
ne: Next e
```

```
occup(d) = False
occup(cd) = False
occup(bcd) = False
occup(abcd) = False
nd: Next d
```

```
occup(c) = False
occup(bc) = False
occup(abc) = False
nc: Next c
```

```
nb1: occup(ab) = False
occup(b) = False
nb: Next b
```

```
na: occup(a) = False
Next a
```

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,
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End Sub