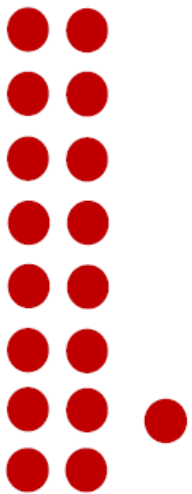


Maths Reasoning

Different ways



17 circles

2 columns

8 rows

1 left over

17 circles

columns

rows

1 left over

17 circles

columns

rows

2 left over

18 circles

columns

rows

left over

Use arrays to help you.....

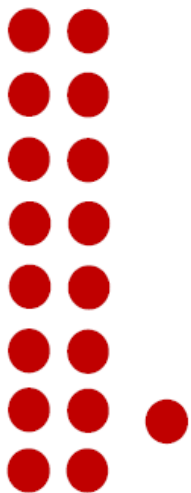
How many ways can you find to solve the

'18 circles' question?

Explain your answer.

Answers

Different ways



17 circles
2 columns
8 rows
1 left over

17 circles
 columns
 rows
1 left over

17 circles
 columns
 rows
2 left over

18 circles
 columns
 rows
 left over

17 circles

4 rows of 4, one left over.

8 rows of 2, one left over

1 row of 16, one left over

18 circles

Any combination of rows that = 18 or less as the 'left over' box is empty which means we can choose how much is left over.

E.g 2 rows of 9, zero left over

3 rows of 5, three left over