

Maths Activities:

Draw a circle around groups of numbers that total 18.

- You can't use a number more than once.
- Every number needs to be used.
- A group can be any size as long as every number inside adds up to 18.
- You can make a group horizontally, vertically or diagonally.

One has been done for you.

1	8	4	2	4	3	4	5	6	2
5	7	3	6	6	8	3	4	4	3
4	5	4	9	3	3	5	3	5	4
5	5	3	8	6	6	2	9	4	5
9	7	5	1	1	2	3	2	5	4
2	6	7	7	5	3	3	9	9	5
6	6	3	3	9	6	3	3	6	7
2	2	4	4	6	3	3	3	9	9

Activity 5 – Prompt Questions

Is there anything special about these totals?
Is there a quick way to work out the total?
Predict what would happen if I walked down the other side of the street instead (all house have even numbers)?
Explain and justify the patterns you have noticed?