# Making Numbers Game

This set of worksheets contains sets of digits in a grid. These digits are used to form numbers. Numbers can only be formed from digits which are near each other, similar to Boggle rules. In the grid below, 8 can combine with 3, 5 or 1 forming 83, 38, 85, 58, 81 or 18. The numbers formed can be 2-digit, 3-digit and so on, so students of different levels can play together.

| | | |
|---|---|---|
| 8 | 3 | 4 |
| 1 | 5 | 6 |
| 2 | 0 | 7 |

1. Select a type of number to make. (Example, multiples of 3)
2. Players take turns to form multiples of that number using the digits in the grid.
3. Each number is worth 1 point.
4. The round ends when no more numbers can be formed.
5. Add the points to find the winner.
- Variation: each player has a different type of number to make.

[Numbers to make: odd numbers, even numbers, numbers between a certain range, multiples, numbers greater than a certain number and so on.]

| 1 | 5 | 7 |
|---|---|---|
| 3 | 2 | 1 |
| 5 | 6 | 4 |

| 2 | 8 | 0 |
|---|---|---|
| 1 | 9 | 5 |
| 4 | 0 | 3 |

| 7 | 0 | 2 |
|---|---|---|
| 4 | 1 | 8 |
| 2 | 6 | 3 |

| 2 | 8 | 1 |
|---|---|---|
| 4 | 5 | 2 |
| 6 | 3 | 7 |

| 6 | 1 | 5 |
|---|---|---|
| 4 | 9 | 2 |
| 0 | 8 | 3 |

| 7 | 2 | 5 |
|---|---|---|
| 0 | 1 | 8 |
| 3 | 4 | 9 |

| 3 | 1 | 8 |
|---|---|---|
| 2 | 4 | 5 |
| 0 | 6 | 4 |

| 7 | 8 | 3 |
|---|---|---|
| 2 | 4 | 5 |
| 6 | 0 | 9 |

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