

# Multiples of 6

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*The Busy Lizzie Maths Library*

## Multiples of 6

Here are ten digit cards showing the numerals 0 → 9



You can use the cards only once.

Can you make the five two-digit numbers that are multiples of 6?

## Multiples of 6

Here are all the two-digit multiples of 6.

**12 18 24 30 36 42 48 54**  
**60 66 72 78 84 90 96**

Note the numbers  
exceed  $6 \times 12$ !

## Multiples of 6

Here are all the two-digit multiples of 6.

**12 18 24 30 36 42 48 54**  
**60 66 72 78 84 90 96**

- How many times does each digit appear?
- Which number(s) can't you make and why?
- Which number(s) must you make first?
- How can you use this information to get started?



Here is my solution

1	2
3	6
5	4
7	8
9	0