

Two-digit numbers

Here are ten digit cards showing the numerals 0 → 9



You can use the cards only once. Can you make the following two digit numbers?

A multiple of 10

The largest possible odd number

The smallest possible even number

A multiple of 5

A number close to 30

Here are ten digit cards showing the numerals 0 → 9



You can use the cards only once. Can you make the following two digit numbers?

Did you have a different set of answers? Which ones were different? Why?



A largest multiple of 10 **90**

The largest possible even number **96**

The smallest possible odd number **13**

A multiple of 2 **24**

A number close to 60 **57**

Five minute task



multiple even odd largest

smallest prime factor product

a number that rounds up to ...

a number that rounds down to ...

less than ... more than ...

Can you make 5 statements for your partner to solve that use each digit card only once for KS 1 or KS 2 children? What key vocabulary will you use?



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?

Here are all the two-digit multiples of 6 ...

12	18	24	30	36	42	48	54
60	66	72	78	84	90	95	

Note the numbers
exceed 6 x 12!



12 18 24 30 36 42 48 54
60 66 72 78 84 90 95

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

Five minute task



We have used this activity to make two-digit multiples of 6.

Are there any other times tables you can use?

Work with a partner

Are there any times tables which cannot be used?

Why?

How do you know?

