

Largest Even

Fred

19/1/15

I have a pile of nine digit cards numbered 1 to 9.

I take one of the cards. It is the 3.

Which card would you choose to go with the 3 so you could make the largest possible two-digit even number with the two cards?

We put the cards back in the pile. This time, I choose the 6. Which card would you choose this time to go with the 6 to make the largest possible two-digit even number?

Have a go at this with a partner. One of you chooses the first digit from the set of cards. The second person then chooses a card to make the largest possible two-digit even number. You can then swap over.

Try it several times so you are sure you have a good method. Talk about your ideas with your partner so you agree together on a 'best' method.

How would your strategy change if you had to make the largest two-digit odd number?

98
98
78
96
58
18
92
94
38

If its a odd number the ten is the number you get the unit is eight.

If its a even number the ten is 90 and the unit is the number you get.

Largest Even Nrich

Otis

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988482 9878

If you pick out an even number always put it last. Put 9 first or pick the even number. And if you pick out an odd number put it first.

Largest Even Nrich Roberts

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How would your strategy change if you had to make the largest two-digit odd number?

16 18 58 24 12 18

If you get even number you
can put it with 9

If you have a odd number
you can put it with 8.