

Monday 8 February

Odd and Even Numbers

All numbers can be grouped depending on if they are odd or even.

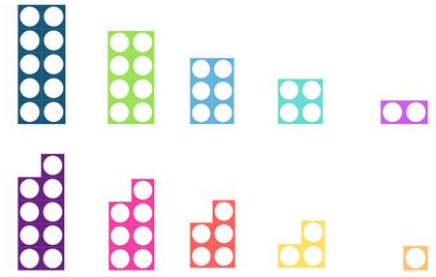
Even numbers pair up and everyone has a friend.

Odd numbers leave one person left out and on their own.

You can see the numbers 1-10 in this picture.

10, 8, 6, 4 and 2 are even.

9, 7, 5, 3 and 1 are odd.



Watch this video (beware the song is very catchy!) to set the scene.

<https://www.youtube.com/watch?v=fK6b9Zxte24>

Can you place the numbers back at the correct house? Can you think of any larger numbers that would also belong to Odd Todd or Even Steven?



Odd Todd

Even Steven



8	20	7	23	16	9	11	29	24	6	17	15
0	14	28	19	22	56	12	21	43	71	2	3

Problem solving

Have a think about each of these statements below and tell me if you think they are always true, sometimes true or never true by circling your answer. Show me some calculations or draw a picture to explain your reasoning and prove you are correct.

Odd number + Odd number = Odd number

Always

Sometimes

Never

Odd number + Even number = Odd number

Always

Sometimes

Never

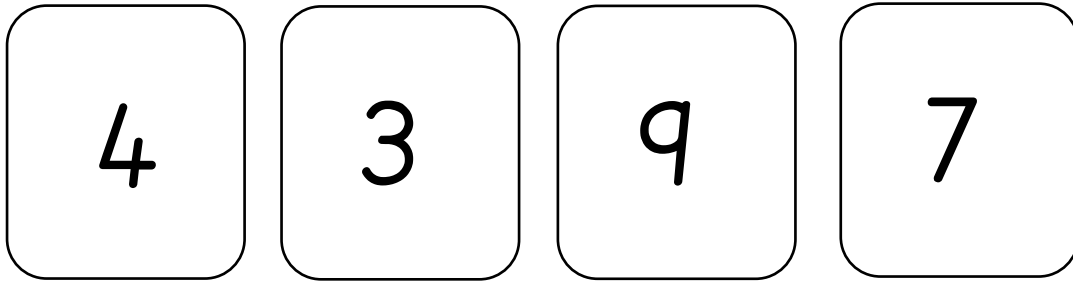
Odd number + even number + odd number = odd number.

Always

Sometimes

Never

You have these 4 cards that you can rearrange.



What is the largest 3 digit even number you can make?

What is the largest 3 digit odd number you can make?