Name: _____ 5-a-day Further Maths

17th August

Corbettmaths

Factorise fully $(y+4)^7 - (y+4)^6$

Do not attempt to expand brackets.

Use Pascal's triangle to expand

$(x+1)^4$

$g(x) = 3 - 2x$

The range of $g(x)$ is $-7 \leq g(x) \leq 6$

Work out the domain of $g(x)$

George has the six number cards below.

4	2	9	1	6	8

How many 5-digit **odd** numbers can be made that are greater than 30000?