

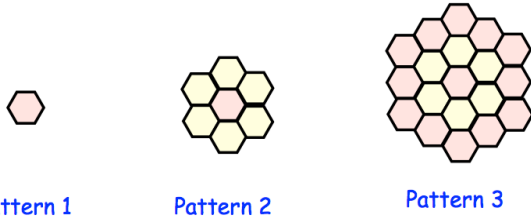
25th February



Corbettmaths

Write 1.035353535... as a fraction

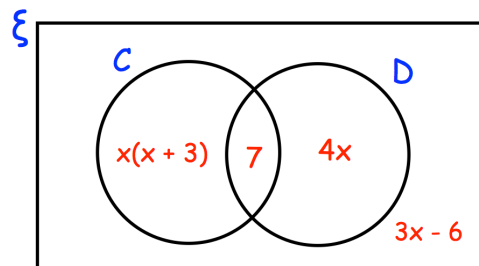
Prove the sum of two consecutive odd numbers is even.



How many of these tiles are needed to make Pattern number 10?

The Venn diagram shows information about the pets owned by 40 students

- $\xi = 40$  students
- C = students who own a cat
- D = students who own a dog



A student is chosen at random.  
They own a cat.  
Work out the probability that they own a dog.