

29th September



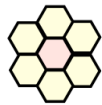
Corbettmaths

Write 1.035353535... as a fraction

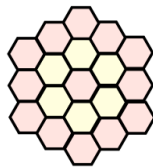
Prove the sum of two consecutive odd numbers is even.



Pattern 1



Pattern 2

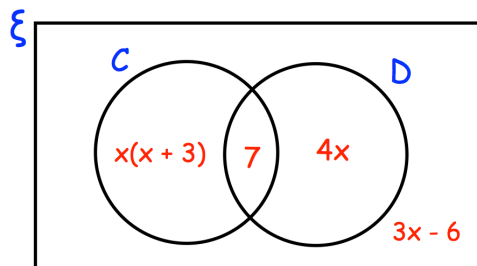


Pattern 3

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.