

23rd November



Corbettmaths

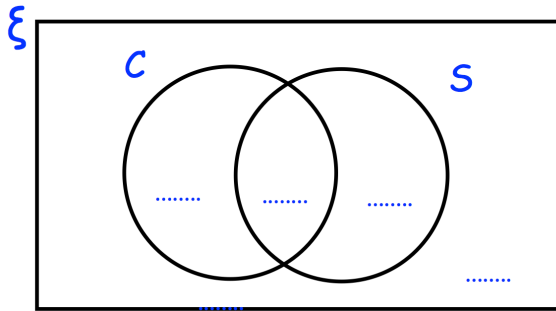
$\xi = 80$ students
 C = students that have visited Canada
 S = students that have visited Sweden

50 students have visited only Canada or only Sweden

$\frac{3}{10}$ of these 50 students have only visited Sweden

The number of students who have visited Canada is double the number of students that have visited Sweden

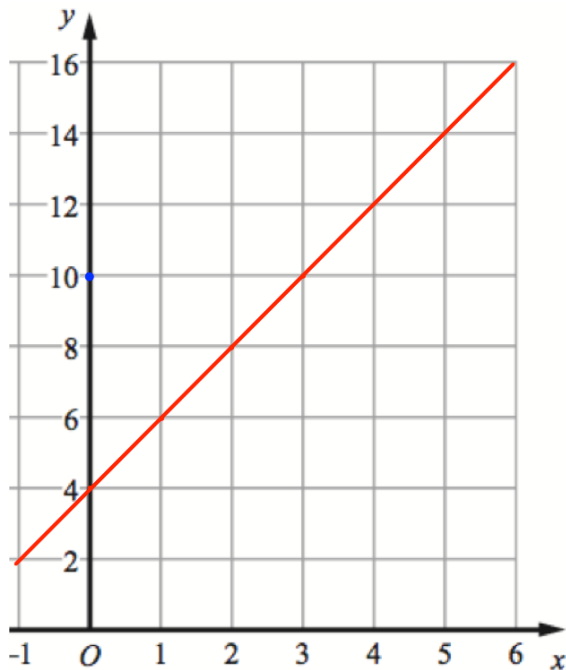
Complete the Venn Diagram



The probability of a team winning a match is 0.8.

The team plays three matches.

What is the probability the team wins all three matches?



Write down the equation of the line shown.

A line is perpendicular to the line shown and passes through (0, 10).

Find its equation.