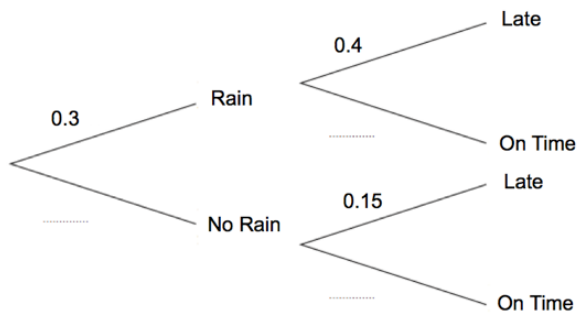


30th January



Corbettmaths



Find the probability that on a day selected at random, it is **rainy** and the bus is **late**.

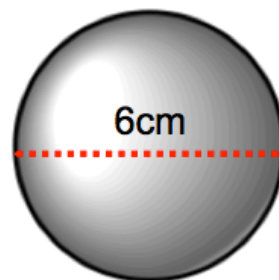
In a small village, one bus arrives a day. The probability of rain in the village is 0.3. If it rains, the probability of a bus being late is 0.4. If it does not rain, the probability of a bus being late is 0.15.

Find the probability that the bus is **on time**

Solve

$$5y + 3 < 28$$

Find the volume of the sphere.



4 schools sent students to a languages course.

One of the schools sent both French and German students. The ratio of French to German students it sent was 1 : 3
The school sent 21 German students.

The other 3 schools sent the same number of students.

Work out the total number of students sent to the languages course.