### 15th November

**Find the circumference of the circle.**  
Give your answer in terms of \( \pi \)

**Solve** \( x^2 - 2x - 24 = 0 \)

A football team has two matches to play.  
The probability that the team wins is 0.6.  
The probability that the team draws is 0.3.  

**Complete the tree diagram.**

Work out the probability that the team will win both matches.

The speed limit on a road is 40mph.  
A scooter drives 7 miles in 12 minutes.  
Is the scooter breaking the speed limit?