18th April

Use a ruler and compasses to construct the perpendicular from the line segment AB to the point C.

Solve \( x^2 + 8x + 12 = 0 \)

The probability that a train arrives late is 0.3
James is travelling by train on Saturday and Sunday.
Show this information on a probability tree diagram.

Calculate the probability the train is on time both days.
Calculate the probability the train is late one exactly one day.