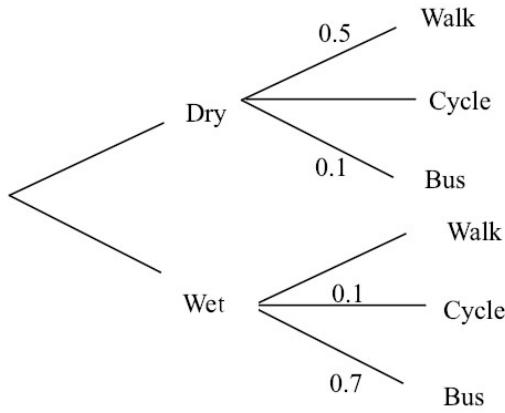


Exercise 1

Calc. : ✓

Andy can walk to work, cycle or travel by bus. The choice he makes depends on the weather.

1. Copy and complete the tree diagram to show the probabilities for each of Andy's methods of travel. 2 marks



2. A day is selected at random. Calculate the probability of the following events:

(a) The weather is wet and Andy travels by bus. 2 marks

(b) Andy walks or cycles. 3 marks

(c) The weather is dry given that Andy walks or cycles. 3 marks