Target 6 Sheet 03A

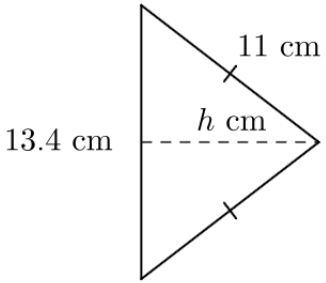
BossMaths

Question 1

In a restaurant, there are 5 starter dishes, 7 main dishes, and 3 dessert options. You can get a main dish and *either* a starter *or* a dessert. How many different meal combinations can you choose from?

Question 2

Find h, to the nearest 0.1 cm



Question 3

Jack takes the train to work on Monday and Tuesday.
The probability that the train will be late on any day is 0.07
Find the probability that Jack's train is late on both days.

Question 4

A company uses 10 identical machines to make 4000 items in 16 hours. If 8 of the machines break after 5 hours, how long will it take to make all 4000 items?

Question 1

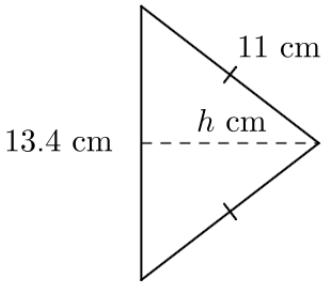
In a restaurant, there are 5 starter dishes, 7 main dishes, and 3 dessert options. You can get a main dish and *either* a starter *or* a dessert. How many different meal combinations can you choose from?

56

Question 2

Find h, to the nearest 0.1 cm

8.7 cm



Question 3

Jack takes the train to work on Monday and Tuesday.
The probability that the train will be late on any day is 0.07
Find the probability that Jack's train is late on both days.

0.0049

Question 4

A company uses 10 identical machines to make 4000 items in 16 hours. If 8 of the machines break after 5 hours, how long will it take to make all 4000 items?

60 hours