A

8.7cm

35°

C   B
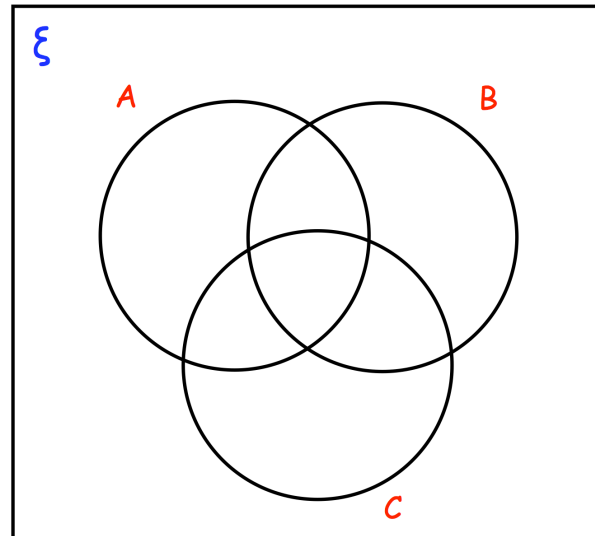
Find BC.
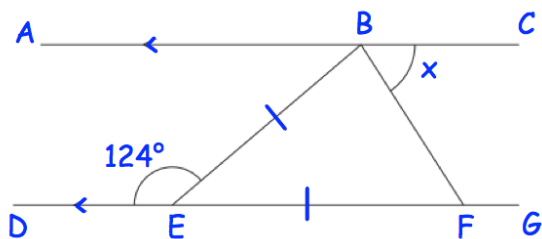
ξ = {1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12}
A = {1, 4, 9, 10, 11}
B = {1, 3, 6, 9, 11}
C = {1, 3, 9, 10}

Complete the Venn diagram

ξ

A   B

C

A number is chosen at random

Find the probability that the number is a member of $B \cap C$

A ———————— B ———— C

x

124°

D ———— E ———————— F G

Find the size of the angle x.

The length of the rectangle is decreased by 40%.
The width of the rectangle is decreased by 20%

Find the percentage decrease in the perimeter of the rectangle.

40cm

10cm