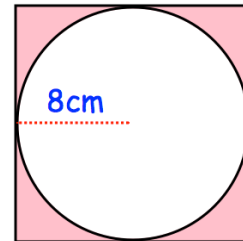




Calculate the shaded area



Solve

$$x^2 + 8x + 16 = 0$$

Shop A

50% extra free



Only £40

Shop B

Buy one get the second
HALF PRICE



Normal price £40
for 100ml

Two shops sell the same type of perfume.
A 100ml bottle of perfume normally costs £40.

Shop A offer 50% extra free.

In Shop B, a customer can buy one and get the second half price.

Olivia says that both offers give the same value for money.
Is she correct? Show your working.

Find the size of angle ABC.

