

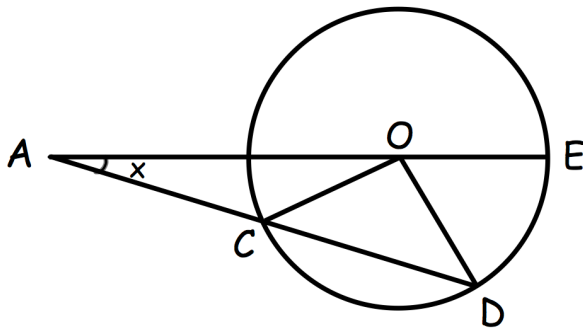


Helen says that the cosine of an angle is -1 .

Write down three possible angles

Solve

$$4x^2 - 11x - 3 \leq 0$$



Prove angle DOE = $3x$

O is the centre of a circle that passes through the points C, D and E.

AOE is a straight line

$AC = OD$

Angle OAC = x

The universal set contains the whole numbers 1 to n .

n is an odd number greater than 200.

O is the set of odd numbers

P is the set of prime numbers

How many numbers are in $O \cup P$?