

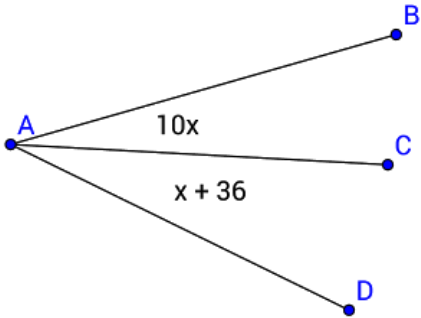
Name:

Date:

Period:

Warm Up for CP Geometry

→
The ray AC is an angle bisector.



- a) $10x + x + 36 = 180$
- b) $10x = x + 36 + 180$
- c) $180 - 10x = x + 36$
- d) $10x = x + 36$
- e) $10x - x + 36 = 90$

Which is the correct way to solve for x? Use the correct vocabulary and prior knowledge about angle relationships.

Choice _____ because _____

Word Bank:

bisects

supplementary

complementary

vertical

linear pair

equal

congruent

adjacent

nonadjacent