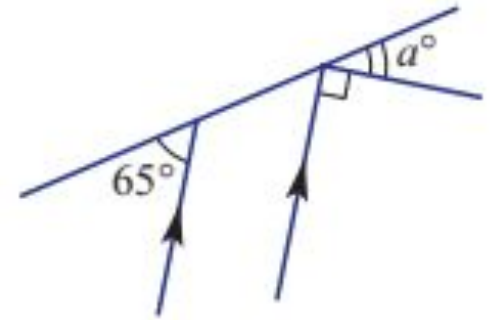


SOLVING GEOMETRY PROBLEMS

Some problems require the combination of two or more ideas to find their solution.

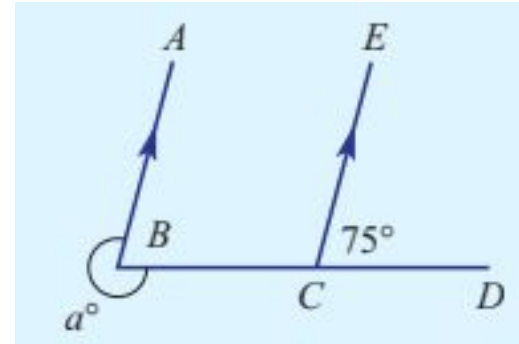
example: in this diagram,
find the value of angle a



- The corresponding angle is 65 degrees
- The sum of the three angles (65, 90 and a) is 180 degrees
- Therefore, a must be equal to 25 degrees.

SOLVING GEOMETRY PROBLEMS

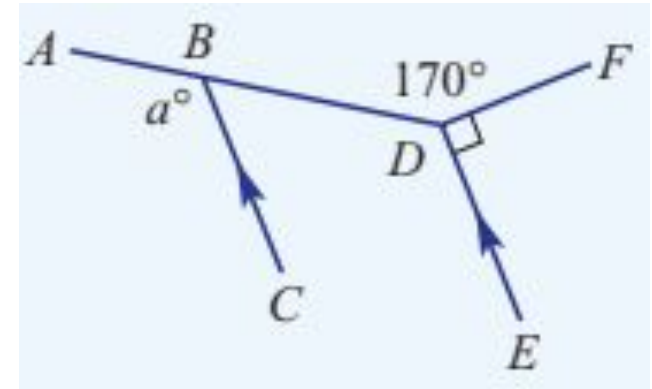
example: in this diagram,
find the value of angle a



- The corresponding angle B is 75 degrees
- The sum of the angles 75° and a form a revolution (360°)
- Therefore, a must be equal to 285 degrees.

SOLVING GEOMETRY PROBLEMS

example: in this diagram,
find the value of angle a



- The corresponding angle to a must be equal to angle a .
- The sum of the three angles 170° , the right angle and the angle equal to a form a revolution (360°)
- Therefore, a must be equal to 100 degrees.