

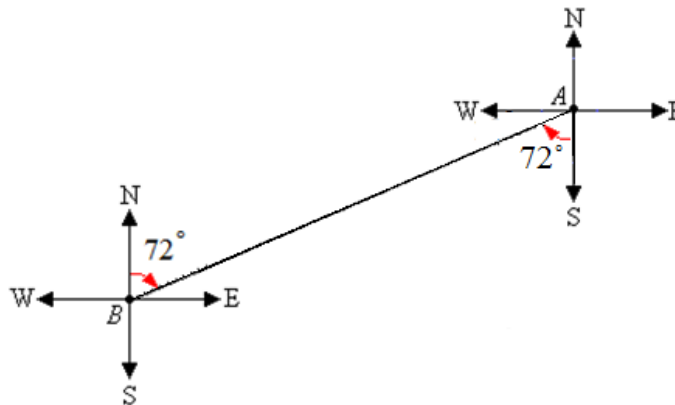
## Answer on Question #67026 – Math – Trigonometry

### Question

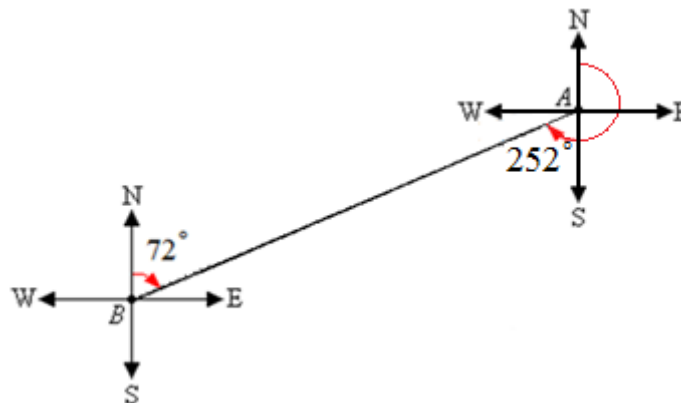
The bearing of bird on a tree from a hunter on the ground is  $N72^\circ E$ . What is the bearing of the hunter from the bird?

### Solution

The bearing  $N72^\circ E$  means the direction is  $72^\circ$  away from due north directed towards the east.



The **bearing** to a point is the angle measured in degrees in a clockwise direction from the north line.



Note that  $180^\circ + 72^\circ = 252^\circ$ . Then the bearing of the hunter from the bird is  $252^\circ$ .  
**Answer:**  $252^\circ$ .