

#4

Zoe Carver

5) **Yes**

\overleftrightarrow{BD}

10)

\overleftrightarrow{BD} \overleftrightarrow{FD} \overleftrightarrow{FB}

15) Plane EDA

20)

\overleftrightarrow{XT}

25) See Paper

30) Point S

35) **No**

40) *noncoplanar*

45) See Paper

50) Noncollinear

55) **Always**


60) **Never**

65) #1:

through any two points there is exactly one line.

70) *noncollinear*

75) If a line extends from each ship, the point of intersection is the point where the signal comes from.

-  **75. Navigation** Rescue teams use Postulates 1-1 and 1-2 to determine the location of a distress signal. In the diagram, a ship at point *A* receives a signal from the northeast. A ship at point *B* receives the same signal from due west. Trace the diagram and find the location of the distress signal. Explain how the two postulates help locate the distress signal.

