

9.3 Puzzle Time

Why Do Geese Fly South Every Year?

A	B	C	D	E	F
G	H	I			

Complete each exercise. Find the answer in the answer column. Write the word under the answer in the box containing the exercise letter.

4
GEESE
P
VACATION
3
IT
0
MEET
Q
WALK
6
THE

Match the item that makes the statement correct.

- | | |
|--|---|
| A. If two lines intersect, | 1. then their intersection is a line. |
| B. Through any three noncollinear points | 2. two points. |
| C. If two points lie in a plane, | 3. there exists exactly one plane. |
| D. If two planes intersect, | 4. three noncollinear points. |
| E. Through any two points, | 5. then their intersection is exactly one point. |
| F. A plane contains at least | 6. there exists exactly one line. |
| G. A line contains at least | 7. then the line containing them lies in the plane. |

7
WOULD
\overline{AB}
COLD
5
BECAUSE
1
TAKE
2
FOREVER
\overline{AB}
TO

Identify the correct answer using the diagram.

- H. The intersection of planes Q and P .
- I. What plane is defined by points A , B , and C ?

