

N.L.			

Name

## **Pretest**

In the picture below, two airplanes are flying on different routes.

The World Airlines plane has flight number **WAL**27. The speed of Flight WAL27 is ½ foot/second.

The National Airlines plane has flight number **NAL**63. The speed of Flight NAL63 is ½ foot/second.

Flight WAL27 is 20 feet away from the point where the two routes intersect (meet). Flight NAL63 is 20 feet away from the point where the two routes intersect.

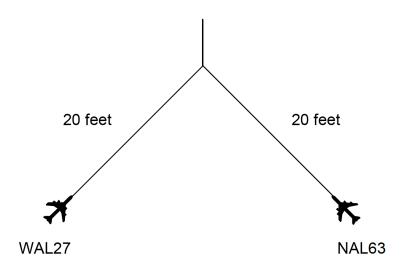
1.	Do you think the two planes will meet at the point
	where the two routes intersect?

where the two routes intersect:

Why or why not?

2. If not, how many feet apart do you think the planes will be when the first plane reaches the point where the routes intersect?

\_\_\_\_\_





Name

## **Posttest**

In the picture below, two airplanes are flying on different routes.

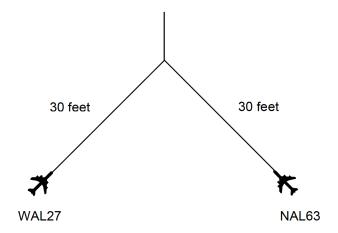
The speed of Flight WAL27 is 1 foot/second.

Flight WAL27 is 30 feet from the point where the two routes intersect.

The speed of Flight NAL63 is 2/3 foot/second.

Flight NAL63 is 30 feet from the point where the two routes intersect.

The separation standard is 5 feet.

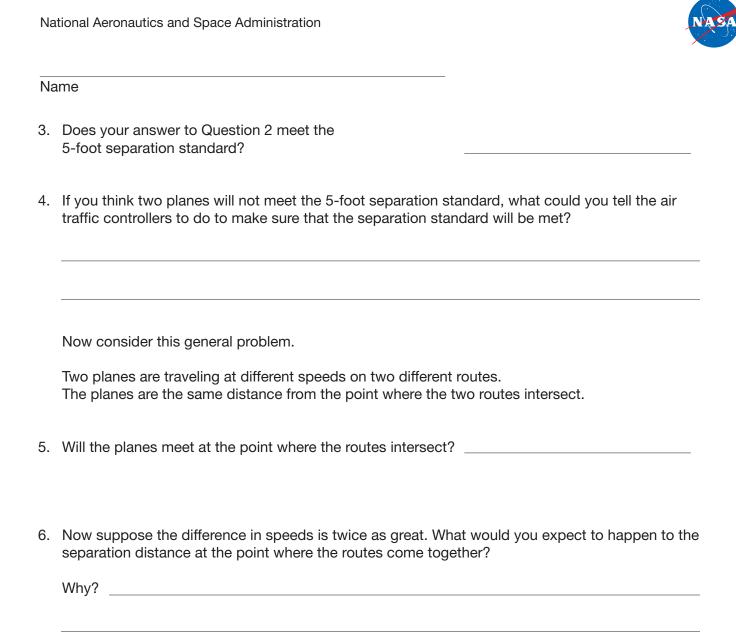


1.	Do you think the two planes will meet at the point
	where the two routes intersect?

Why or why not?

2. If not, how many feet apart do you think the planes will be when the first plane reaches the point where the routes intersect?

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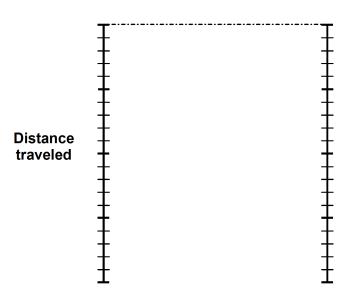


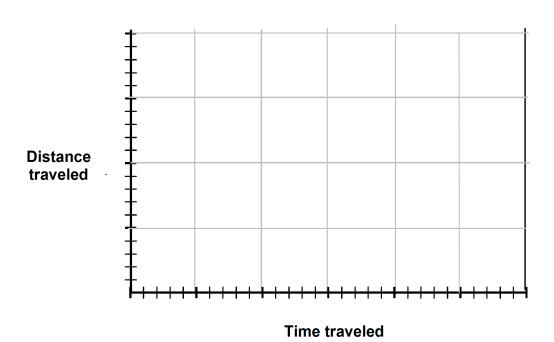




Name

## **Lines and Grid**





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