

BASICS OF GEOMETRY

▶ *How are airport runways named?*



CHAPTER

1

APPLICATION: Runways

*A*ir traffic controllers and pilots need a way to refer to runways that is consistent among different airports.

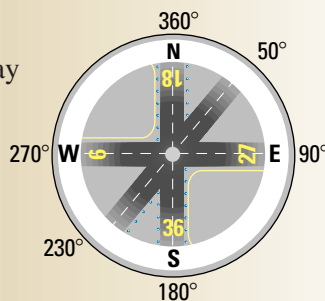
Runways are named based on the angles they form with due north, measured in a clockwise direction. These angles are called *bearings*.

The bearing of a runway is divided by 10 to find the runway number.

Approach	Bearing	Runway
from west to east	90°	9
from north to south	180°	18
from east to west	270°	27
from south to north	360°	36

Think & Discuss

- Why is it important to use a consistent runway naming scheme?
- The bearing of the unlabeled runway in the diagram is 50° . What are the missing runway numbers?



Learn More About It

You will learn more about angles of intersecting runways in Exercises 55–60 on p. 32.



APPLICATION LINK Visit www.mcdougallittell.com for more information about airport runways.