

## Compass Roses

A compass rose is used on a map to indicate direction. Some compass roses are very simple, indicating a single direction. Others are more elaborate, indicating as many as sixteen directions.

When a compass rose indicates only one direction, it usually points north. A compass rose indicating two directions usually indicates north and the opposite direction, which is (1) \_\_\_\_\_.

Many compass roses indicate the four cardinal directions. The four cardinal directions are (2) \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.

A compass rose showing eight directions includes the cardinal directions plus the directions directly between those directions. The directions between the cardinal directions are (3) \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.

A very elaborate compass rose design may show sixteen directions: the eight mentioned above, plus the directions between those directions. For example, the direction between north and northwest is called north-northwest. The point between west and northwest is west-northwest.

Fill in the missing labels on the compass rose below.

