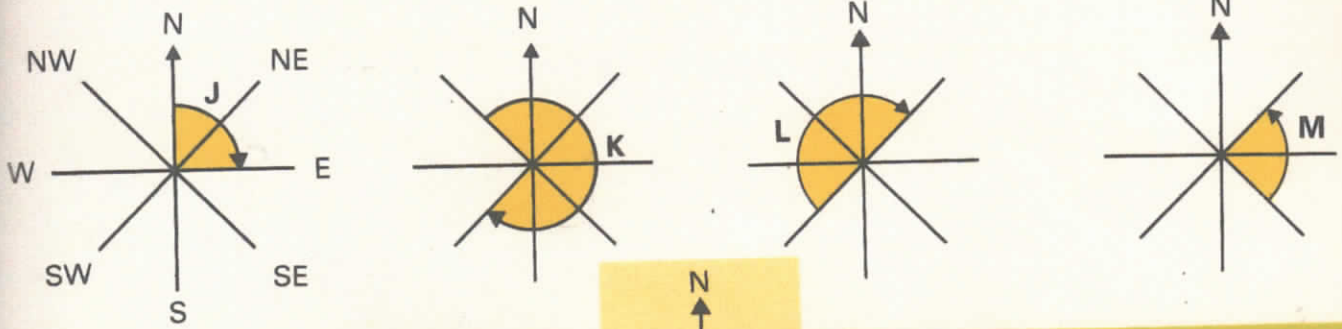


# Compass directions

1 Write the sizes, in right angles and in degrees, of the angles shown.

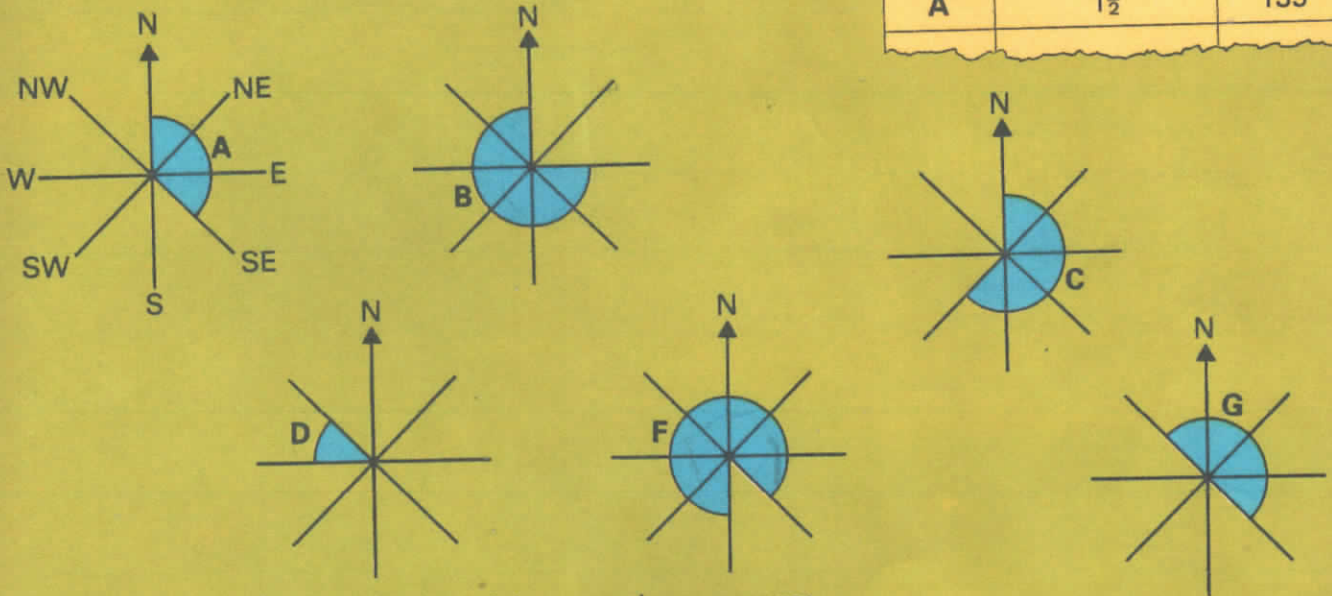


2 Each red angle is half of a right angle.

$\frac{1}{2}$  right angle =  $45^\circ$

Write the number of right angles and degrees for each coloured compass angle like this:

Angle	Right angles	Degrees
A	$1\frac{1}{2}$	$135^\circ$



3 How many degrees does each of these angles measure:

- (a) 1 right angle, (b) 3 right angles, (c)  $\frac{1}{2}$  right angle,
- (d) 1 complete turn, (e)  $2\frac{1}{2}$  right angles, (f)  $3\frac{1}{2}$  right angles?

One complete rotation is  $360^\circ$   
The red angle is  $360^\circ - 240^\circ = 120^\circ$

4 Calculate the size in degrees of each red angle.

