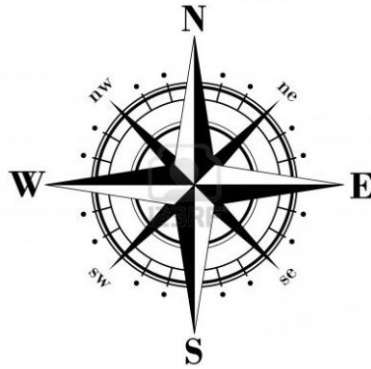


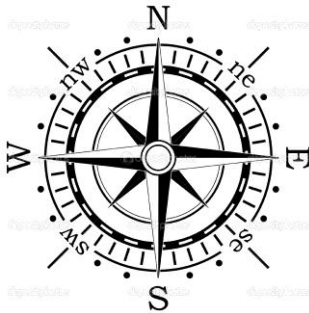
1. The arrow is facing South and is moved a three-quarter turn anti-clockwise. Which direction is it pointing now?



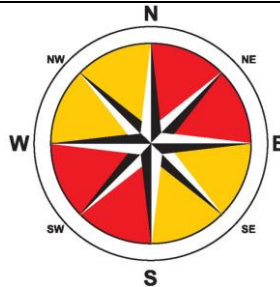
2. The arrow is facing North- West and is moved half a turn clockwise. Which direction is it pointing now?



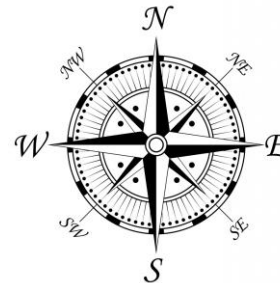
3. The arrow is facing South-West and is moved a quarter turn anti-clockwise. Which direction is it pointing now?



4. The arrow is facing North-East and is moved a two-quarter turn clockwise. Which direction is it pointing now?



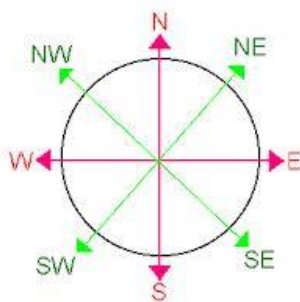
5. The arrow is facing South-East and is moved a three-quarter turn clockwise. Which direction is it pointing now?



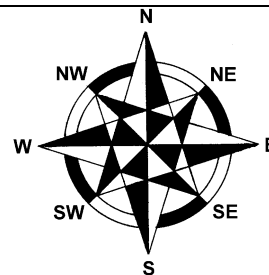
6. The arrow is facing North and is moved a three-quarter turn anti-clockwise. Which direction is it pointing now?



7. The arrow is facing North-West and is moved a quarter turn anti- clockwise. Which direction is it pointing now?



8. The arrow is facing South-East and is moved a half turn clockwise. Which direction is it pointing now?



9. The arrow is facing West and is moved a quarter turn clockwise. Which direction is it pointing now?

Angles Worksheet
-Consolidation-

1. Through how many degrees and which direction does the does the compass turn from:

- | | |
|--------------------|-------------------------|
| (a) North to East | (b) North to North East |
| (c) South to North | (d) East to South West |
| (e) East to South | (f) South West to East |
| (g) West to South | (h) West to North East |

2. Start at North. What direction are you facing when you turn:

- (a) 90 degrees clockwise.
- (b) 135 degrees anti-clockwise.
- (c) 270 degrees clockwise.
- (d) 45 degrees anti-clockwise.

3. Copy and complete this table:

Right Angles	$\frac{1}{2}$	1	$1\frac{1}{2}$	2	$2\frac{1}{2}$	5	10
Degrees	45		135				