

Q5 (Compass) Day 122 **Name:** _____

1. An explorer starts by facing **North**. They want to face **South**. To do this they must change direction. Look at the three direction changes below. After which of these direction changes will the explorer **not be facing South**? Tick the **correct** answer below.

A half turn anticlockwise

☐

A half Turn Clockwise followed by a three quarter turn anticlockwise

☐

A half turn clockwise

☐

2. An explorer starts by facing **South**. They want to face **East**. To do this they must change direction. Look at the three direction changes below. After which of these direction changes will the explorer **not be facing East**? Tick the **correct** answer below.

A quarter turn anticlockwise

☐

A three quarter turn clockwise

☐

A half turn clockwise

☐

3. An explorer starts by facing **East**. They want to face **North**. To do this they must change direction. Look at the three direction changes below. After which of these direction changes will the explorer **not be facing North**? Tick the **correct** answer below.

A half turn clockwise followed by a quarter turn anticlockwise

☐

A half Turn Clockwise followed by a quarter turn clockwise

☐

A quarter turn anticlockwise

☐

4. An explorer starts by facing **West**. They want to face **East**. To do this they must change direction. Look at the three direction changes below. After which of these direction changes will the explorer **not be facing East**? Tick the **correct** answer below.

A half turn clockwise

☐

A three quarter Turn Clockwise followed by a quarter turn clockwise

☐

A quarter turn clockwise followed by a three quarter turn anticlockwise

☐

5. An explorer starts by facing **North**. They want to face **West**. To do this they must change direction. Look at the three direction changes below. After which of these direction changes will the explorer **not be facing West**? Tick the **correct** answer below.

A three quarter turn clockwise

☐

A half turn clockwise followed by a quarter turn anticlockwise

☐

A quarter turn clockwise followed by a half turn clockwise

☐

6. An explorer starts by facing **South**. They want to face **West**. To do this they must change direction. Look at the three direction changes below. After which of these direction changes will the explorer **not be facing West**? Tick the **correct** answer below.

A half turn clockwise followed by a three quarter turn anticlockwise

☐

A half turn anticlockwise followed by a three quarter turn clockwise

☐

A full turn clockwise followed by a quarter turn clockwise

☐

7. An explorer starts by facing **North**. They want to face **South West**. To do this they must change direction. Look at the three direction changes below. After which of these direction changes will the explorer **not be facing South West**? Tick the **correct** answer below.

A **270° turn clockwise**

☐

A **135° Turn anticlockwise**

☐

A **225° turn clockwise**

☐

8. An explorer starts by facing **South**. They want to face **North East**. To do this they must change direction. Look at the three direction changes below. After which of these direction changes will the explorer **not be facing North East**? Tick the **correct** answer below.

A **135° turn anticlockwise**

☐

A **270° turn anticlockwise**

☐

A **180° turn clockwise followed by a 45° turn clockwise**

☐

9. An explorer starts by facing **East**. They want to face **North West**. To do this they must change direction. Look at the three direction changes below. After which of these direction changes will the explorer **not be facing North West**? Tick the **correct** answer below.

A **225° turn clockwise**

☐

A **270° turn clockwise followed by a 45° turn anticlockwise**

☐

A **90° turn anticlockwise followed by a 270° turn clockwise**

☐

10. An explorer starts by facing **North West**. They want to face **East**. To do this they must change direction. Look at the three direction changes below. After which of these direction changes will the explorer **not be facing East**? Tick the **correct** answer below.

A **180° turn clockwise followed by a 45° turn anticlockwise**

☐

A **180° turn anticlockwise followed by a 45° turn clockwise**

☐

A **135° turn clockwise**

☐

11. An explorer starts by facing **North East**. They want to face **North West**. To do this they must change direction. Look at the three direction changes below. After which of these direction changes will the explorer **not be facing North West**? Tick the **correct** answer below.

A **135° turn anticlockwise**

☐

A **270° turn clockwise**

☐

A **90° turn anticlockwise**

☐

12. An explorer starts by facing **South East**. They want to face **South West**. To do this they must change direction. Look at the three direction changes below. After which of these direction changes will the explorer **not be facing South West**? Tick the **correct** answer below.

A **135° turn clockwise followed by a 45° turn anticlockwise**

☐

A **270° turn anticlockwise**

☐

A **225° turn clockwise followed by a 90° turn anticlockwise**

☐

Answers

- 1. A half Turn Clockwise followed by a three quarter turn anticlockwise**
- 2. A half turn clockwise**
- 3. A half turn clockwise followed by a quarter turn anticlockwise**
- 4. A three quarter Turn Clockwise followed by a quarter turn clockwise**
- 5. A half turn clockwise followed by a quarter turn anticlockwise**
- 6. A half turn clockwise followed by a three quarter turn anticlockwise**
- 7. A 270° turn clockwise**
- 8. A 270° turn anticlockwise**
- 9. A 90° turn anticlockwise followed by a 270° turn clockwise**
- 10. A 180° turn anticlockwise followed by a 45° turn clockwise**
- 11. A 135° turn anticlockwise**
- 12. A 225° turn clockwise followed by a 90° turn anticlockwise**