

Outcome 1 - Compass Points

Bronze examples


Examples...

I am facing south.
What direction is on my left? **east**

I am facing east.
What direction is behind me? **west**

I have west directly behind me. What direction am I facing? **east**

I have north on my right hand side. What direction am I facing? **west**



Silver examples

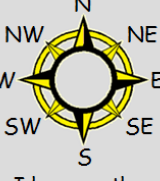
Examples...

I am facing south-west.
What direction is on my left? **south-east**

I am facing north-east.
What direction is behind me? **south-west**

I have north-west directly behind me. What direction am I facing? **south-east**

I have south-east on my right hand side. What direction am I facing? **north-east**



Gold examples

Examples...

Full Turn - 360°


Half Turn - 180°

Quarter Turn - 90°

There are 45° between each compass point.

A hiker walks south. He then turns 90° clockwise. What direction was he now facing? **West**

A tank drives south-east. It then turns 135° anti-clockwise. What direction was it now facing? **North**



Bronze Questions

I am facing north. What direction is:

1 on my left? **2** on my right?

I am facing west. What direction is:

3 behind me? **4** on my right?

I have south directly behind me.

5 What direction am I facing? **6** What direction is on my right?

I have east on my right hand side.

7 What direction is on my left? **8** What direction is behind me?



Silver Questions

I am facing south-east. What direction is:

1 on my left? **2** on my right?

I am facing north-west. What direction is:

3 behind me? **4** on my left?

I have north-east directly behind me.

5 What direction am I facing? **6** What direction is on my right?

I have south-west on my right hand side.

7 What direction is on my left? **8** What direction is behind me?



Gold Questions

For each of the following, work out the new direction faced...

1 A car drives east. **2** A bus travels east.



It then turns 90° anti-clockwise.
What direction is it now facing?

It then turns 180° clockwise.
What direction is it now facing?

3 A ship sails north-east.



4 A squadron marches south-west.



It then turns 135° clockwise.
What direction is it now facing?

It then turns 270° anti-clockwise.
What direction is it now facing?



Bronze Answers

- | | |
|----------|----------|
| 1. west | 2. east |
| 3. east | 4. north |
| 5. north | 6. east |
| 7. west | 8. south |

Silver Answers

- | | |
|---------------|---------------|
| 1. north-east | 2. south-west |
| 3. south-east | 4. south-west |
| 5. south-west | 6. north-west |
| 7. north-east | 8. north-west |

Gold Answers

- | | |
|----------|---------------|
| 1. North | 2. West |
| 3. South | 4. North-West |