

## Section 1: The compound angle identities

### Crucial points

1. **Make sure solutions to an equation are in the right range**

When solving an equation make sure that you check:

- what range the solutions should lie in
- whether the solutions should be in radians or degrees.

2. **Work from one side of an identity which you are trying to prove**

When trying to prove an identity only ever work with one side of the identity. Never try to rearrange it and cancel out terms.