**Modulus and argument**

is plotted on an Argand diagram.

1. What is its distance from the origin?
2. What is its anti-clockwise angle from the positive real axis? (in radians)

4

3

a)

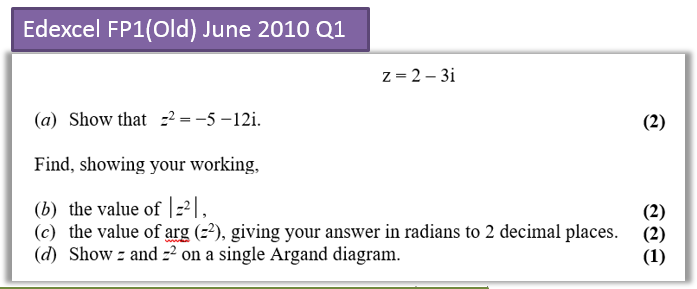
b)

These are respectively known as the modulus and argument of a complex number.

Examples

Determine the modulus and argument of:





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