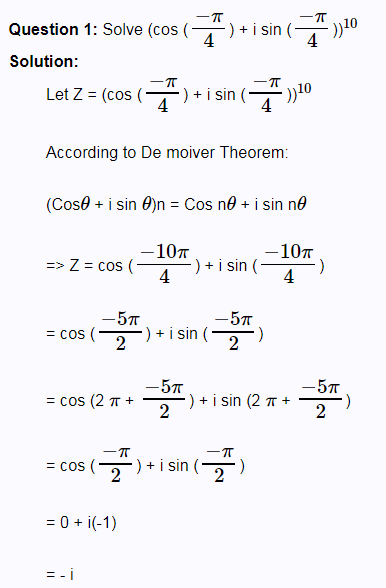
**De Moivres Theorem**

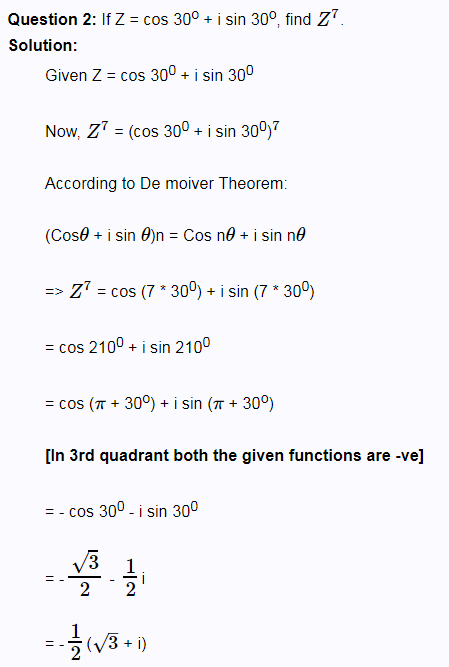
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**De Moivre's theorem** If z = r(cos α + i sin α), and n is a natural number, then

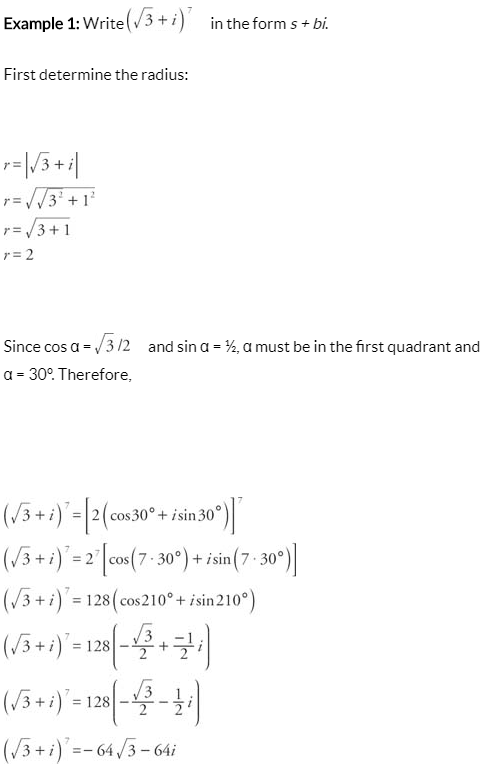
* https://www.cliffsnotes.com/assets/11270.jpg

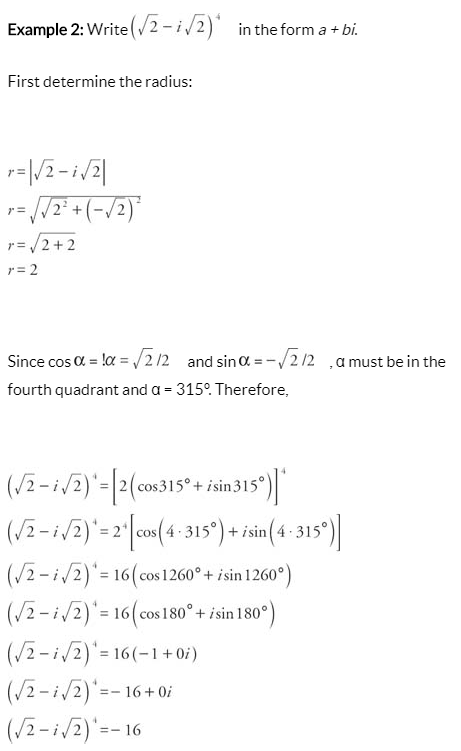
**Examples**

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**Examples**





**Exercises**

1. Find
2. Find