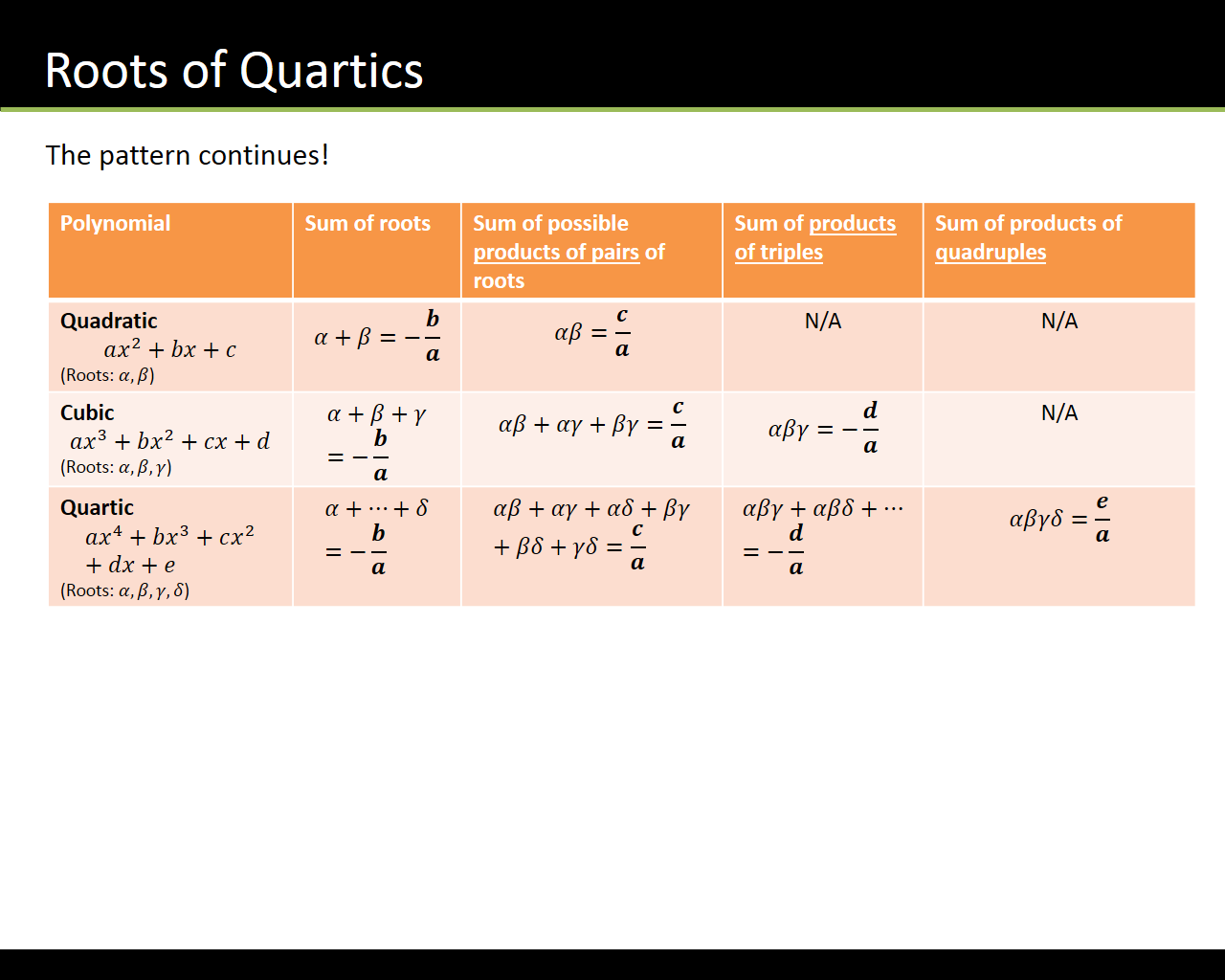
**Roots of Quartics**



**Example**

**Find the quartic equation with roots 1, -2 and 3 (repeated).**

**Example**

**The equation , has roots . Given that and .**

1. **Show that and that**
2. **Hence find all the roots of the quartic equation and find the values of and .**

Ex 4C pg 60-61