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| --- | --- | --- |
| **Algebraic Proof** | | |
| **(a)** | **(b)** | **(c)** |
| Show that | Show that | Show that |
| **(d)** | **(e)** | **(f)** |
| Show that  where and are integers to be found | Show that  where and are integers to be found | Show that  where is an integer to be found |
| **(g)** | **(h)** | **(i)** |
| Show that  where and are integers to be found | Show that  where and are integers to be found | Show that  where and are integers to be found |