```
f(z) = z^4 - 6z^3 + az^2 + bz + 145
where a and b are real constants.
Given that 2 + 5i is a root of the equation f(z) = 0
(a) determine the other roots of the equation f(z) = 0
(b) Show all the roots of f(z) = 0 on a single Argand diagram.
```