 Matching activity

Matching activity – complex numbers

Instructions:

1. Cut out each rectangle.
2. Match the Cartesian, polar and exponential form of each complex number.

(The argument of z is given in radians in terms of π or correct to 2 decimal places).

| Cartesian form | Polar form | Exponential form |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Matching activity – solutions

| Cartesian Form | Polar Form | Exponential Form |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |