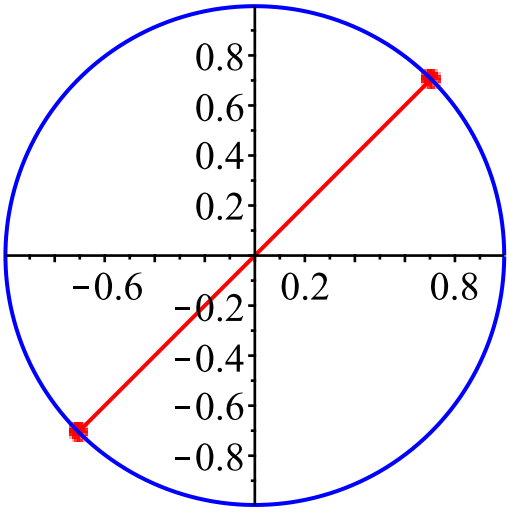
$$z = (-1)^{1/4}$$

Jumlah solusi = 2

$$\begin{bmatrix} 0.705 + 0.705\,\mathrm{I} \\ -0.705 - 0.705\,\mathrm{I} \end{bmatrix}$$

Atau dalam polar:

$$\begin{bmatrix} \mathrm{polar}(0.997,\ 0.785) \\ \mathrm{polar}(0.997,\ -2.36) \end{bmatrix}$$



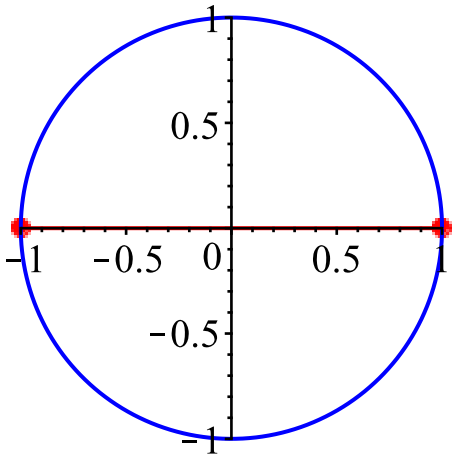
$$z = 1$$

Jumlah solusi = 2

$$\begin{bmatrix} 1. \\ -1. \end{bmatrix}$$

Atau dalam polar:

$$\begin{bmatrix} \mathrm{polar}(1.,\ 0.) \\ \mathrm{polar}(1.,\ 3.14) \end{bmatrix}$$



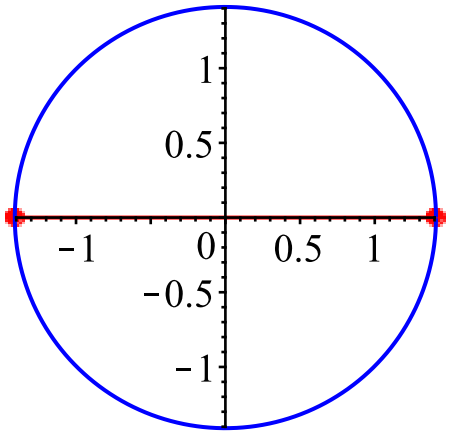
$$z = \sqrt{2}$$

Jumlah solusi = 2

$$\begin{bmatrix} 1.41 \\ -1.41 \end{bmatrix}$$

Atau dalam polar:

$$\begin{bmatrix} \text{polar}(1.41,\ 0.) \\ \text{polar}(1.41,\ 3.14) \end{bmatrix}$$



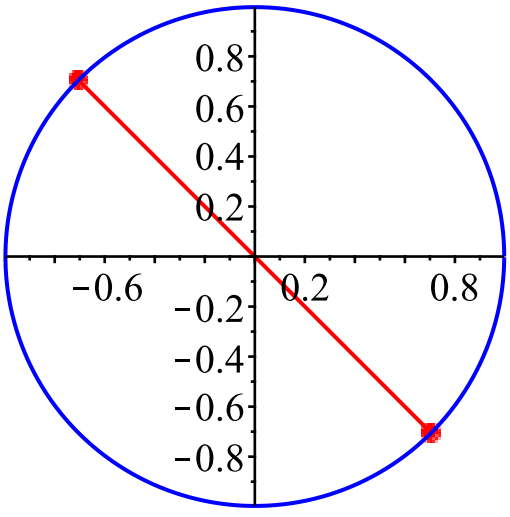
$$z = \sqrt{-1}$$

Jumlah solusi = 2

$$\begin{bmatrix} 0.705 - 0.705\ \mathrm{I} \\ -0.705 + 0.705\ \mathrm{I} \end{bmatrix}$$

Atau dalam polar:

$$\begin{bmatrix} \text{polar}(0.997,\ -0.785) \\ \text{polar}(0.997,\ 2.36) \end{bmatrix}$$



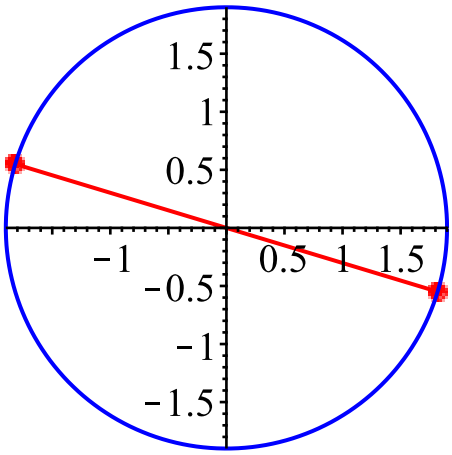
$$z = \sqrt{3 - 2\,\mathrm{I}}$$

Jumlah solusi = 2

$$\begin{bmatrix} 1.82 - 0.550\,\mathrm{I} \\ -1.82 + 0.550\,\mathrm{I} \end{bmatrix}$$

Atau dalam polar:

$$\begin{bmatrix} \mathrm{polar}(1.90, -0.293) \\ \mathrm{polar}(1.90, 2.85) \end{bmatrix}$$



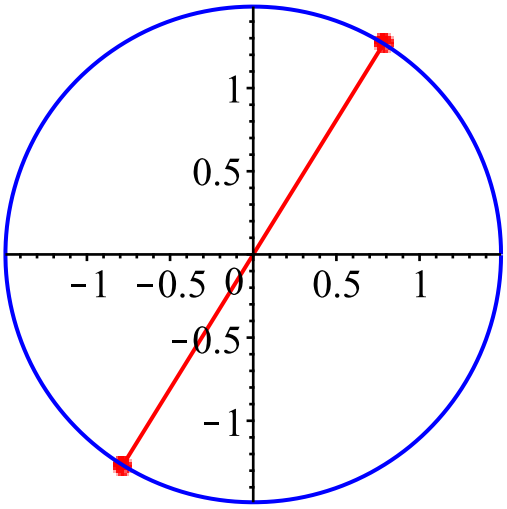
$$z = \sqrt{-1 + 2\,\mathrm{I}}$$

Jumlah solusi = 2

$$\begin{bmatrix} 0.786 + 1.27\,\mathrm{I} \\ -0.786 - 1.27\,\mathrm{I} \end{bmatrix}$$

Atau dalam polar:

$$\begin{bmatrix} \mathrm{polar}(1.49, 1.02) \\ \mathrm{polar}(1.49, -2.12) \end{bmatrix}$$



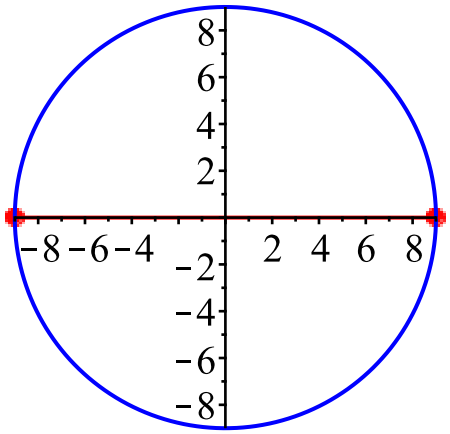
$$z = 9$$

Jumlah solusi $= 2$

$$\begin{bmatrix} 9. \\ -9. \end{bmatrix}$$

Atau dalam polar:

$$\begin{bmatrix} \text{polar}(9., 0.) \\ \text{polar}(9., 3.14) \end{bmatrix}$$



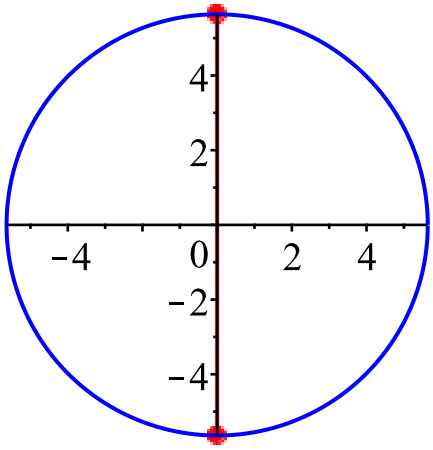
$$z = \sqrt{-32}$$

Jumlah solusi $= 2$

$$\begin{bmatrix} 5.64\ \mathrm{I} \\ -5.64\ \mathrm{I} \end{bmatrix}$$

Atau dalam polar:

$$\begin{bmatrix} \text{polar}(5.64, 1.57) \\ \text{polar}(5.64, -1.57) \end{bmatrix}$$



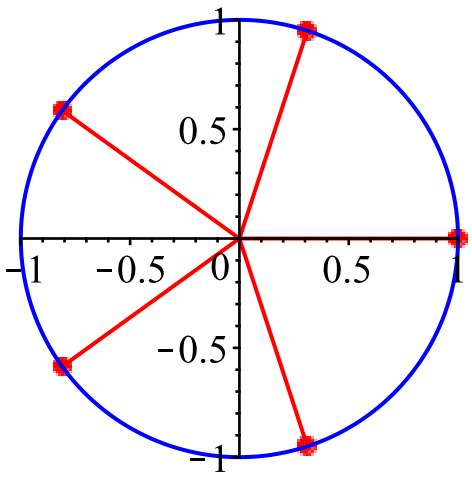
$$z = 1$$

Jumlah solusi $= 5$

$$\begin{bmatrix} 1. \\ 0.310 + 0.948\,\mathrm{I} \\ -0.810 + 0.585\,\mathrm{I} \\ -0.810 - 0.585\,\mathrm{I} \\ 0.310 - 0.948\,\mathrm{I} \end{bmatrix}$$

Atau dalam polar:

$$\begin{bmatrix} \mathrm{polar}(1., 0.) \\ \mathrm{polar}(0.997, 1.25) \\ \mathrm{polar}(0.999, 2.52) \\ \mathrm{polar}(0.999, -2.52) \\ \mathrm{polar}(0.997, -1.25) \end{bmatrix}$$



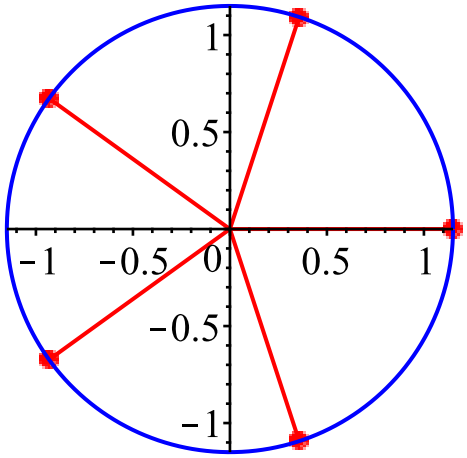
$$z = 2^{1/5}$$

Jumlah solusi = 5

$$\begin{bmatrix} 1.15 \\ 0.356 + 1.09\,\mathrm{I} \\ -0.932 + 0.673\,\mathrm{I} \\ -0.932 - 0.673\,\mathrm{I} \\ 0.356 - 1.09\,\mathrm{I} \end{bmatrix}$$

Atau dalam polar:

$$\begin{bmatrix} \mathrm{polar}(1.15,\ 0.) \\ \mathrm{polar}(1.15,\ 1.26) \\ \mathrm{polar}(1.15,\ 2.52) \\ \mathrm{polar}(1.15,\ -2.52) \\ \mathrm{polar}(1.15,\ -1.26) \end{bmatrix}$$



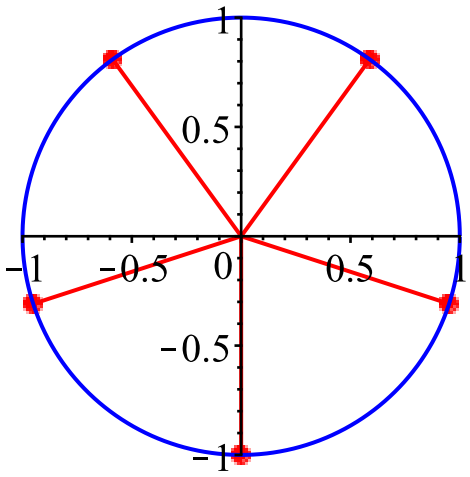
$$z = (-\mathrm{I})^{1/5}$$

Jumlah solusi = 5

$$\begin{bmatrix} 0.951 - 0.309\,\mathrm{I} \\ 0.588 + 0.809\,\mathrm{I} \\ -0.588 + 0.809\,\mathrm{I} \\ -0.951 - 0.309\,\mathrm{I} \\ -\mathrm{I} \end{bmatrix}$$

Atau dalam polar:

$$\begin{bmatrix} \text{polar}(1.00, -0.314) \\ \text{polar}(1.00, 0.942) \\ \text{polar}(1.00, 2.20) \\ \text{polar}(1.00, -2.83) \\ \text{polar}(1., -1.57) \end{bmatrix}$$



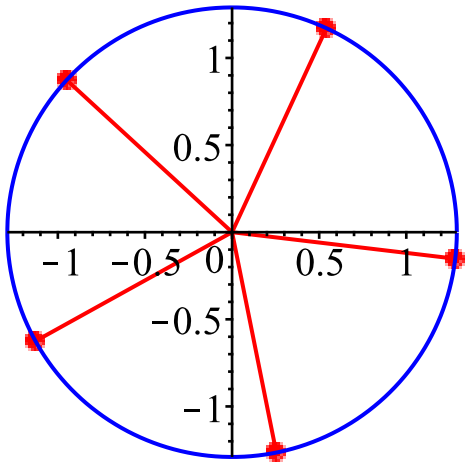
$$z = (3 - 2\,\mathrm{I})^{1/5}$$

Jumlah solusi = 5

$$\begin{bmatrix} 1.28 - 0.152\,\mathrm{I} \\ 0.541 + 1.17\,\mathrm{I} \\ -0.948 + 0.872\,\mathrm{I} \\ -1.13 - 0.626\,\mathrm{I} \\ 0.253 - 1.26\,\mathrm{I} \end{bmatrix}$$

Atau dalam polar:

$$\begin{bmatrix} \text{polar}(1.29, -0.118) \\ \text{polar}(1.29, 1.14) \\ \text{polar}(1.29, 2.40) \\ \text{polar}(1.29, -2.64) \\ \text{polar}(1.29, -1.37) \end{bmatrix}$$



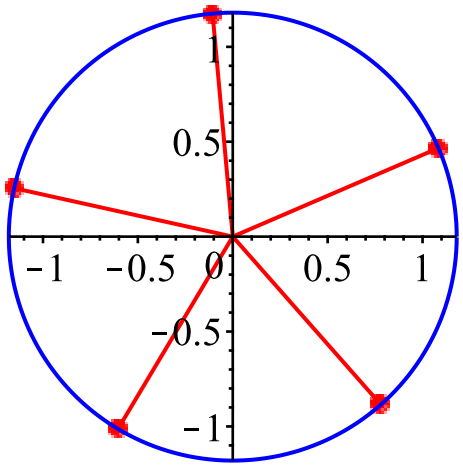
$$z = (-1 + 2\,\mathrm{I})^{1/5}$$

Jumlah solusi = 5

$$\begin{bmatrix} 1.08 + 0.465\,\mathrm{I} \\ -0.106 + 1.17\,\mathrm{I} \\ -1.15 + 0.255\,\mathrm{I} \\ -0.603 - 1.01\,\mathrm{I} \\ 0.776 - 0.880\,\mathrm{I} \end{bmatrix}$$

Atau dalam polar:

$$\begin{bmatrix} \mathrm{polar}(1.18, 0.407) \\ \mathrm{polar}(1.17, 1.66) \\ \mathrm{polar}(1.18, 2.92) \\ \mathrm{polar}(1.18, -2.11) \\ \mathrm{polar}(1.17, -0.848) \end{bmatrix}$$



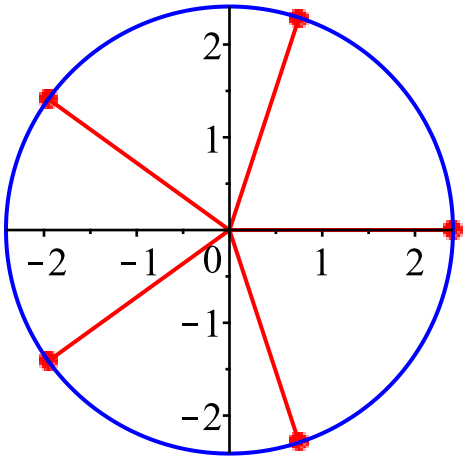
$$z = 3^{4\,|\,5}$$

Jumlah solusi = 5

$$\begin{bmatrix} 2.41 \\ 0.747 + 2.28\,\mathrm{I} \\ -1.95 + 1.41\,\mathrm{I} \\ -1.95 - 1.41\,\mathrm{I} \\ 0.747 - 2.28\,\mathrm{I} \end{bmatrix}$$

Atau dalam polar:

$$\begin{bmatrix} \mathrm{polar}(2.41,\ 0.) \\ \mathrm{polar}(2.40,\ 1.25) \\ \mathrm{polar}(2.41,\ 2.52) \\ \mathrm{polar}(2.41,\ -2.52) \\ \mathrm{polar}(2.40,\ -1.25) \end{bmatrix}$$



$$z = (-32)^{1\,|\,5}$$

Jumlah solusi = 5

$$\begin{bmatrix} -2. \\ 1.62 + 1.17\,\mathrm{I} \\ -0.620 + 1.90\,\mathrm{I} \\ -0.620 - 1.90\,\mathrm{I} \\ 1.62 - 1.17\,\mathrm{I} \end{bmatrix}$$

Atau dalam polar:

$$\begin{bmatrix} \text{polar}(2., 3.14) \\ \text{polar}(2.00, 0.625) \\ \text{polar}(2.00, 1.89) \\ \text{polar}(2.00, -1.89) \\ \text{polar}(2.00, -0.625) \end{bmatrix}$$