

$$|Z| = 1$$

$$arg Z = 5\%6$$

$$Z = e^{i5\%6}$$

$$3Z = 3e^{i5\%6} = 3\left(co85\% + 8in^{5\%6}\right) = 3\left(-\frac{33}{2} + i\frac{1}{2}\right) = \frac{3}{2}$$

$$= -\frac{3\sqrt{3}}{2} + i\frac{3}{2}$$

$$|Z_{1}| = \sqrt{2} \qquad |Z_{1}| = 3\sqrt{2}$$

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$$|Z_{2}| = \sqrt{2} \qquad |Z_{1}| = 3\sqrt{2}$$

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