1) i

2) $19+9i$

3) $2-2i$

4) $4\sqrt{2}\left(\cos\frac{3\pi}{4}+i\sin\frac{3\pi}{4}\right)$

5) $5(\cos\pi+i\sin\pi)$

6) $12\left(\cos\frac{5\pi}{3}+i\sin\frac{5\pi}{3}\right)$

7) $1+\sqrt{3}i$

8) $1-i$

9) $6\sqrt{2}-6\sqrt{2}i$

10) $1+\sqrt{3}i$

11) 16

12) $1+0i$ $\qquad$ -1

$\frac{1}{2}+\frac{\sqrt{3}}{2}i$ $\qquad$ $-\frac{1}{2}-\frac{\sqrt{3}}{2}i$

$-\frac{1}{2}+\frac{\sqrt{3}}{2}i$ $\qquad$ $\frac{1}{2}-\frac{\sqrt{3}}{2}i$

Scanned by CamScanner