Answers to Worksheet 30 - Lesson 80

2)
$$-\frac{1}{486} - \frac{\sqrt{3}}{486} \cdot i$$
 3) $128 + 128i$

$$8 + 128i 4) 16 + 16\sqrt{3} \cdot i$$

6)
$$2 \operatorname{cis} \frac{\pi}{6}, 2 \operatorname{cis} \frac{5\pi}{6}, 2 \operatorname{cis} \frac{9\pi}{6}$$

7)
$$\sqrt{3}$$
 cis $\frac{\pi}{3}$, $\sqrt{3}$ cis $\frac{2\pi}{3}$, $\sqrt{3}$ cis $\frac{4\pi}{3}$, $\sqrt{3}$ cis $\frac{5\pi}{3}$

8)
$$\sqrt{2} \operatorname{cis} \frac{\pi}{20}$$
, $\sqrt{2} \operatorname{cis} \frac{9\pi}{20}$, $\sqrt{2} \operatorname{cis} \frac{17\pi}{20}$, $\sqrt{2} \operatorname{cis} \frac{25\pi}{20}$, $\sqrt{2} \operatorname{cis} \frac{33\pi}{20}$