$$\frac{333}{2} = \frac{\left[\sqrt[8]{2} \left(\cos \frac{\pi}{8} + i \sin \frac{\pi}{8}\right)\right]^{8} \left[\sqrt[8]{2} \left(\cos \frac{\pi}{36} + i \sin \frac{\pi}{36}\right)\right]^{9}}{\left[\sqrt[8]{2} \left(\cos \frac{\pi}{10} + i \sin \frac{\pi}{10}\right)\right]^{5}} = \frac{\left(\sqrt[8]{2}\right)^{8} \left(\cos \frac{8\pi}{8} + i \sin \frac{8\pi}{10}\right)}{\left[\sqrt[8]{2}\right]^{3} \left(\cos \frac{8\pi}{36} + i \sin \frac{8\pi}{36}\right)} = \frac{\left(\sqrt[8]{2}\right)^{5} \left(\cos \frac{5\pi}{8} + i \sin \frac{5\pi}{10}\right)}{\left(\sqrt[8]{2}\right)^{5} \left(\cos \frac{5\pi}{4} + i \sin \frac{5\pi}{40}\right)} = \frac{2\left(\cos \pi + i \sin \pi\right) \cdot 2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)}{2\left(\cos \frac{\pi}{2} + i \sin \frac{\pi}{4}\right)} = \frac{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)}{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)} = \frac{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)}{2\left(\sin \frac{\pi}{4}\right)} = \frac{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)}{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)} = \frac{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)}{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)} = \frac{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)}{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)} = \frac{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)}{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)} = \frac{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)}{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)} = \frac{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)}{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)} = \frac{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)}{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)} = \frac{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)}{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)} = \frac{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)}{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)} = \frac{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)}{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)} = \frac{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)}{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)} = \frac{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)}{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)} = \frac{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)}{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)} = \frac{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)}{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)} = \frac{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)}{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)} = \frac{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)}{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)} = \frac{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)}{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)} = \frac{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)}{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)} = \frac{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)}{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)} = \frac{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)}{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)} = \frac{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)}{2\left(\cos \frac{\pi}{4} + i \sin \frac{\pi}{4}\right)}$$

$$= \frac{\left[\sqrt{2} \left(67 \frac{\pi}{4} + i \sin \frac{\pi}{4} \right) \right]^{4} \cdot \left[2 \left(67 \frac{41}{6} \pi + i \sin \frac{41}{6} \pi \right) \right]^{3} }{\left[2 \left(67 \frac{\pi}{4} + i \sin \frac{\pi}{3} \right) \right]^{8}}$$

$$= \frac{2^{2} \left(67 \pi + i \sin \pi \right) \cdot 2^{2} \left(67 \frac{14}{2} \pi^{2} + i \sin \frac{41}{2} \pi \right) }{2^{2} \left(67 \frac{23}{3} + i \sin \frac{\pi}{3} \right)}$$

$$= \frac{2^{2} \left(67 \frac{23}{3} + i \sin \pi \right) \cdot 2^{2} \left(67 \frac{23}{3} + i \sin \frac{\pi}{4} \right) }{2^{2} \left(67 \frac{23}{3} + i \sin \frac{\pi}{3} \right)}$$

$$= \frac{2^{2} \left(67 \frac{23}{3} + i \sin \frac{\pi}{3} \right) }{8 \cdot \left(-\frac{1}{2} + i \frac{\sqrt{3}}{2} \right)}$$

$$= \frac{4 \cdot \left(\sqrt{3} - i \right)}{8 \cdot \left(-\frac{1}{2} + i \frac{\sqrt{3}}{2} \right)}$$

$$= \frac{4 \cdot \left(\sqrt{3} - i \right)}{46 + 46 \cdot 3}$$

$$= \frac{4 \cdot \left(\sqrt{3} - i \right)}{46 \cdot \left(4 + 3 \right)}$$

$$= \frac{4 \cdot \left(\sqrt{3} - i \right)}{46 \cdot \left(4 + 3 \right)}$$

$$= \frac{4 \cdot \left(\sqrt{3} - i \right)}{46 \cdot \left(4 + 3 \right)}$$

$$= \frac{2^{2} \cdot \left(67 \frac{\pi}{4} + i \sin \frac{\pi}{4} \right) }{46 \cdot \left(4 + 3 \right)}$$

$$= \frac{2^{2} \cdot \left(67 \frac{\pi}{4} + i \sin \frac{\pi}{4} \right) }{46 \cdot \left(47 \frac{\pi}{4} \right)}$$

$$= \frac{2^{2} \cdot \left(67 \frac{\pi}{4} + i \sin \frac{\pi}{4} \right) }{46 \cdot \left(47 \frac{\pi}{4} \right)}$$

$$= \frac{2^{2} \cdot \left(67 \frac{\pi}{4} + i \sin \frac{\pi}{4} \right) }{46 \cdot \left(47 \frac{\pi}{4} \right)}$$

$$= \frac{2^{2} \cdot \left(67 \frac{\pi}{4} + i \sin \frac{\pi}{4} \right) }{46 \cdot \left(47 \frac{\pi}{4} \right)}$$

$$= \frac{2^{2} \cdot \left(67 \frac{\pi}{4} + i \sin \frac{\pi}{4} \right) }{46 \cdot \left(47 \frac{\pi}{4} \right)}$$

$$= \frac{2^{2} \cdot \left(67 \frac{\pi}{4} + i \sin \frac{\pi}{4} \right) }{46 \cdot \left(47 \frac{\pi}{4} \right)}$$

$$= \frac{2^{2} \cdot \left(67 \frac{\pi}{4} + i \sin \frac{\pi}{4} \right) }{46 \cdot \left(47 \frac{\pi}{4} \right)}$$

$$= \frac{2^{2} \cdot \left(67 \frac{\pi}{4} + i \sin \frac{\pi}{4} \right) }{46 \cdot \left(47 \frac{\pi}{4} \right)}$$

$$= \frac{2^{2} \cdot \left(67 \frac{\pi}{3} + i \sin \frac{\pi}{3} \right) }{46 \cdot \left(47 \frac{\pi}{3} \right)}$$

$$= \frac{2^{2} \cdot \left(67 \frac{\pi}{3} + i \sin \frac{\pi}{3} \right) }{46 \cdot \left(47 \frac{\pi}{3} \right)}$$

$$= \frac{2^{2} \cdot \left(67 \frac{\pi}{4} + i \sin \frac{\pi}{4} \right) }{46 \cdot \left(47 \frac{\pi}{3} \right)}$$

$$= \frac{2^{2} \cdot \left(67 \frac{\pi}{3} + i \sin \frac{\pi}{3} \right) }{46 \cdot \left(67 \frac{\pi}{3} + i \sin \frac{\pi}{3} \right) }$$

$$= \frac{2^{2} \cdot \left(67 \frac{\pi}{3} + i \sin \frac{\pi}{3} \right) }{27 \cdot \left(67 \frac{\pi}{3} + i \sin \frac{\pi}{3} \right) }$$

$$= \frac{2^{2} \cdot \left(67 \frac{\pi}{3} + i \sin \frac{\pi}{3} \right) }{27 \cdot \left(67 \frac{\pi}{3} + i \sin \frac{\pi}{3} \right) }$$

$$= \frac{2^{2} \cdot \left(67 \frac{\pi}{3} + i \sin \frac{\pi}{3} \right) }{27 \cdot \left(67 \frac{\pi}{3} + i \sin \frac{\pi}{3} \right) }$$

$$= \frac{2^{2} \cdot \left(67 \frac{\pi}{3} + i \sin \frac{\pi}{3} \right) }{27 \cdot \left(67 \frac{\pi}{3} + i \sin \frac{\pi}{3} \right) }$$

$$= \frac{2^{2} \cdot \left(67 \frac{\pi}{3} + i$$