6.41

$$\begin{array}{lll}
3 & = 1 \\
2^3 & = (re^{i0})^3 & = r^3e^{i30} \\
\begin{cases}
r^3 & = 1 \\
30 & = \sqrt{2\pi}
\end{cases}$$

$$\begin{cases}
r & = 1 \\
0 & = \sqrt{6} + k^2 & = 1
\end{cases}$$

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$$Z_{1} = e^{i \frac{\pi}{6}} = \cos \frac{\pi}{6} + i \sin \frac{\pi}{6} = \frac{\pi^{1}}{2} + i \frac{1}{2}$$

$$Z_{2} = e^{i \frac{5\pi}{6}} = -\frac{\pi^{3}}{2} + i \frac{1}{2}$$

$$Z_{3} = e^{i \frac{\pi}{6}} = e^{i \frac{3\pi}{2}} = \cos \frac{3\pi}{2} + i \sin \frac{3\pi}{2} = 0 - i = -i$$

$$Z_3 = e^{-\frac{91}{6}} = e^{-\frac{311}{2}} = \cos \frac{311}{2} + i \sin \frac{311}{2} = 0 - i = -i$$

$$\frac{6}{2^{3}} = 1 + i \qquad |2^{3}| = |2|^{3} = r^{8} = \sqrt{2}$$

$$2^{3} = r^{3} = i^{3} = r^{8} = \sqrt{2}$$

$$\int_{1}^{2} (x^{2} - \sqrt{2})^{2} dx = \int_{1}^{2} (x^{2} - \sqrt{2})^{2} dx$$

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$$2^{4} = 16$$
  $|2^{4}| = \sqrt{2^{8}} = 16$ 

$$2^{4} = 16^{4} e^{40}$$

$$Z_1 = 2e = 2$$
  $Z_2 = 2e^{i\pi/2} = 2i$   $Z_3 = 2e^{i\pi/2} = 2i$ 

$$\frac{d}{d} = h \cdot \frac{d}{d} = h \cdot$$

$$\frac{2^{3}}{2^{3}} = i\sqrt{3} - 7 \left| \frac{2^{3}}{2^{3}} \right| = 2$$

$$r^{3} = 2$$
  $r = 2^{1/3}$   
 $30 = 2\sqrt{3} + 42\pi$   $0 = 2\pi/9 + 2\pi/3$ 

$$30 = \frac{1}{3} + \frac{1}{3}$$
 $7 = \frac{1}{3} = \frac{1}$ 

$$V^4 = 1 \qquad V = 1$$

$$40 = \pi + k2\pi$$
  $0 = \pi/4 + k\pi/2$ 
 $2 = i\pi/4$ 
 $3\pi/4$ 
 $3\pi/4$ 
 $3\pi/4$ 

$$Z_{1} = e^{i\frac{\pi}{4}} = \frac{1}{\sqrt{2}} + i\frac{1}{\sqrt{2}}$$

$$Z_{2} = e^{i\frac{\pi}{4}} = \frac{1}{\sqrt{2}} + i\frac{1}{\sqrt{2}}$$

$$Z_{3} = e^{i\frac{\pi}{4}} = \frac{1}{\sqrt{2}} - i\frac{1}{\sqrt{2}}$$

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25= 41/5 e 17th

$$30 = \frac{1}{2} + 2\pi$$
  $0 = \frac{1}{10} + \frac{1}{2}$   
 $2 = \frac{1}{5} = \frac{1}$ 

4'15 -