Mock Revision February 16, 2015

EDCO SAMPLE D
$$U = 1 \text{ Cis } \frac{\pi}{2}$$

$$0 \mid a$$

$$\omega = 2 \text{ cis } \frac{\pi}{2}$$

$$0 \cdot \omega = (1)(2) \text{ Cis } (\frac{\pi}{2} + \frac{\pi}{3})$$

$$0 = 3 \cdot 6 \cdot \pi$$

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$$0 \cdot \omega = (1)(2) \text{ Cis } (\frac{\pi}{2} + \frac{\pi}{3})$$

$$0 = 2 \cdot (\cos \frac{5}{6}\pi + i \sin \frac{5}{6}\pi)$$

$$0 \cdot \omega = \frac{1}{2} \cdot (\cos \frac{\pi}{6} + i \sin \frac{\pi}{6})$$

$$0 = \frac{1}{2} \cdot (\cos \frac{\pi}{6} + i \sin \frac{\pi}{6})$$

$$0 = \frac{1}{2} \cdot (\sin \frac{\pi}{6})$$

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$$0 = \frac{1}{2} \cdot (\cos \frac{\pi}{6} + i \sin \frac{\pi}{6})$$

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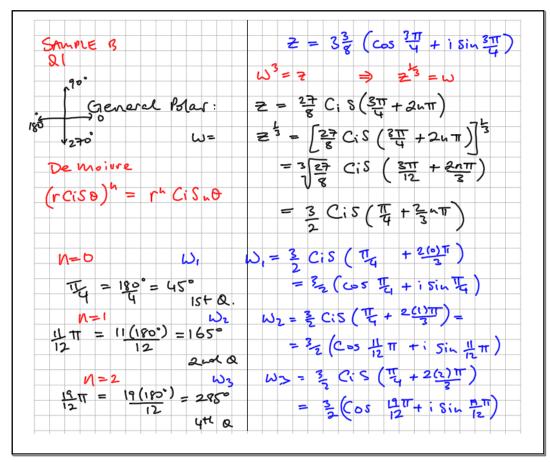
$$0 = \frac{1}{2} \cdot (\cos \frac{\pi}{6} + i \sin \frac{\pi}{6})$$

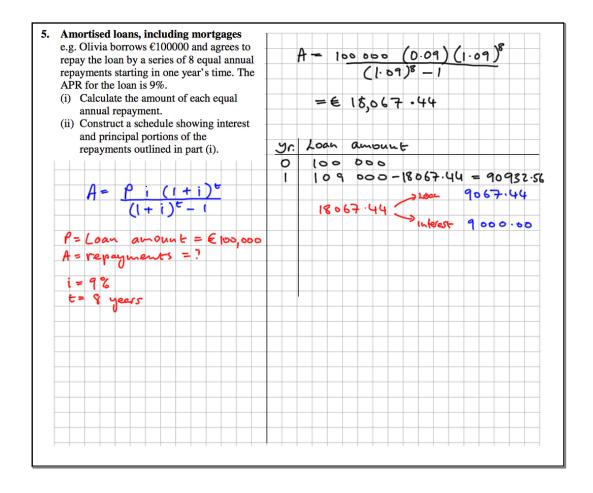
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Shaple 8

$$Z = 3\frac{3}{8} \left(\cos \frac{3\pi}{4} + i \sin \frac{3\pi}{4} \right)$$
 $Z = \frac{2\pi}{8} \left(i \sin \frac{3\pi}{4} \right)$
 $Z = \frac{2\pi}{8} \left(i \sin \frac{3\pi}{$





Pension Fund	HOW much of a pension fund is needed if we want (APR = 45%) £ 20000 pe for 2045?
This is a Series of present values that will each be worth \$20000	
when needed	1st Payment = 20000 a
P = F (1+i) ⁶	2nd needed in = 20000 1 ye. 3rd needed in = 20000
	20th needed = 20000 N=20 in 19 years 1.045"
$S_{n} = \underbrace{a(1-r^{n})}_{1-r}$	Fund = S20 = 20000 (1- (1.545))
	= € 271,845.87

