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$V_e = j5 = 5e^{j\pi/2}$   $v(t) = \text{Re}[V_e e^{j\omega t}] = \text{Re}[5e^{j\pi/2} e^{j\omega t}] = 5\cos(\omega t + \pi/2) = 5\sin(\omega t)$  (V): Fawwaz T. Ulaby and Umberto Ravaioli, Fundamentals of Applied Electromagnetics c 2015 Prentice Hall Fundamentals of Solution Manual For Fawwaz T Ulaby - KoraCircuits by Fawwaz T. Ulaby. Goodreads helps you keep track of books you want to read. Start by marking "Circuits" as Want to Read: Want to Read. saving.... Want to Read. Currently Reading. Read. Other editions. Circuits by Fawwaz T. Ulaby Rent Circuits 2nd edition (978-1934891193) today, or search our site for other textbooks by Fawwaz T. Ulaby. Every textbook comes with a 21-day "Any Reason" guarantee. Published by National Technology & Science Press. Circuits 2nd edition solutions are

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 $100e^{0.5z}=1$   $z=\ln 0.01$   $0.5 = 9.2$  m: (c)  
 $100e^{0.5z}=106$ .  $z=\ln 106$ .  $0.5 = 37$  m:  
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