$$-3j$$
 : wodub

 $|-3j| = 3$
 $|-3j| = 3$
 $|-5| = 5$

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 $|-\sqrt{3}+j| = \sqrt{(-\sqrt{3})^2 + (1)^2} = 2$

$$(1+j)(3+2j)$$

$$\frac{1-j\sqrt{3}}{1+j} = \frac{(1-j\sqrt{3})(1-j)}{(1+j)(1-j)} = \frac{1-j-j\sqrt{3}-\sqrt{3}}{2}$$

$$=\frac{-\sqrt{3}+1}{2}+j\frac{-\sqrt{3}-1}{2}$$

$$=\sqrt{\left(\frac{-\sqrt{3}+1}{2}\right)^2+\left(\frac{-\sqrt{3}-1}{2}\right)^2}=$$

$$= \sqrt{\frac{3+1-2\sqrt{3}}{4}} + \frac{3+1+2\sqrt{3}}{4} - \sqrt{1-\frac{1}{2}\sqrt{3}} + 1 + \frac{1}{2}\sqrt{3}} = \sqrt{2}$$

$$o(1+j)(3+2j) = 3+2j^{2}+3j+2j = 1 + 5j$$

$$wodulo: \sqrt{1^{2}+5^{2}} = \sqrt{26}$$