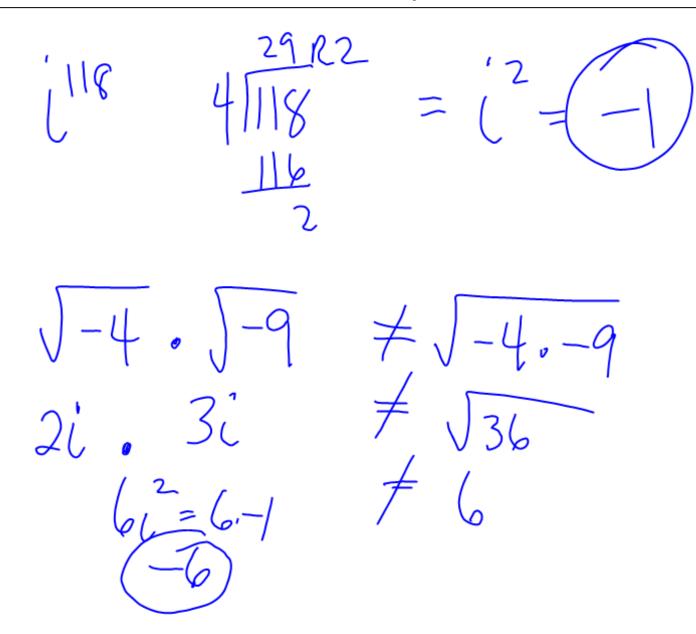
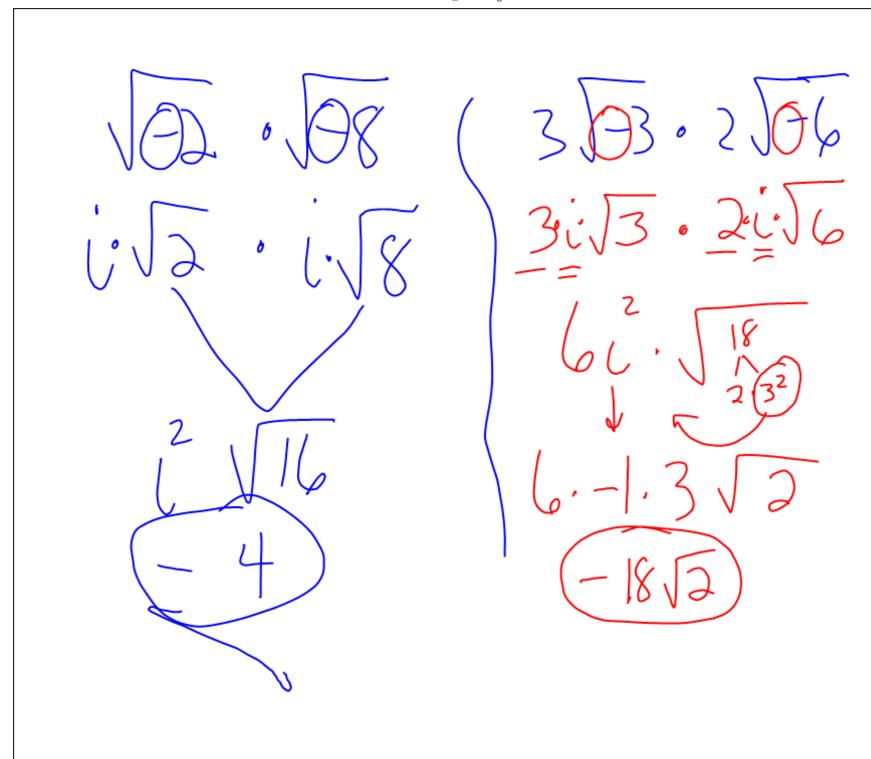
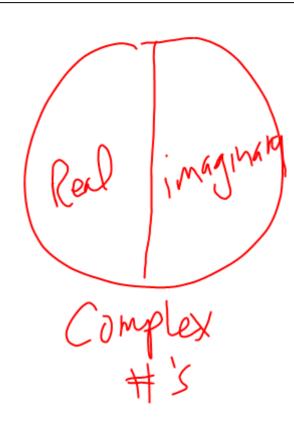
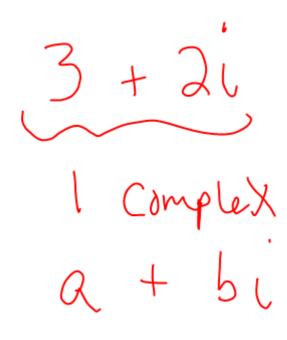
every power of i simplifies

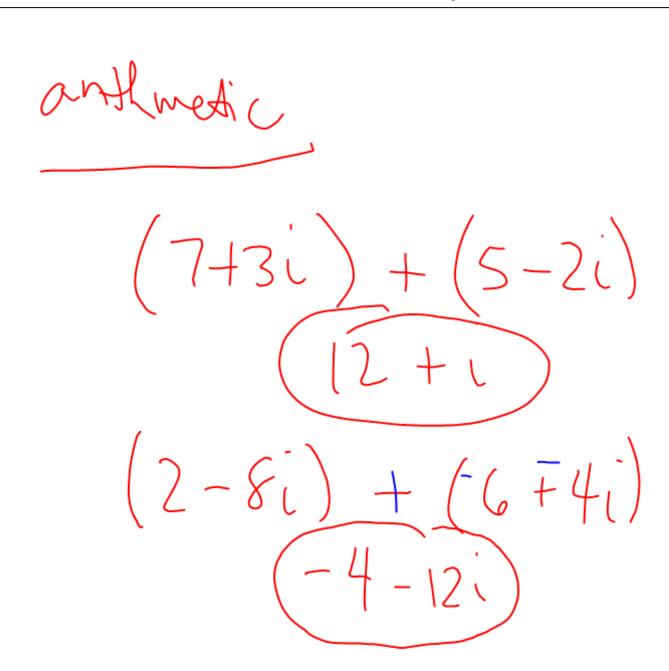
Q:
$$\sqrt{x-4} + \sqrt{x+4} = 4$$
 $(\sqrt{x-4})^2 = (4 - \sqrt{x+4})(4 - \sqrt{x+4})$
 $X-4 = 16 - 8\sqrt{x+4} + x+4$
 $X-4 = 20 - 8\sqrt{x+4} + x$
 $-x-20 = -8\sqrt{x+4}$
 $-x-20 = -8\sqrt{x+4}$











$$5(3-2i) = 15-10i$$

$$2(4+3i) = 8i + 6i$$

$$-6$$

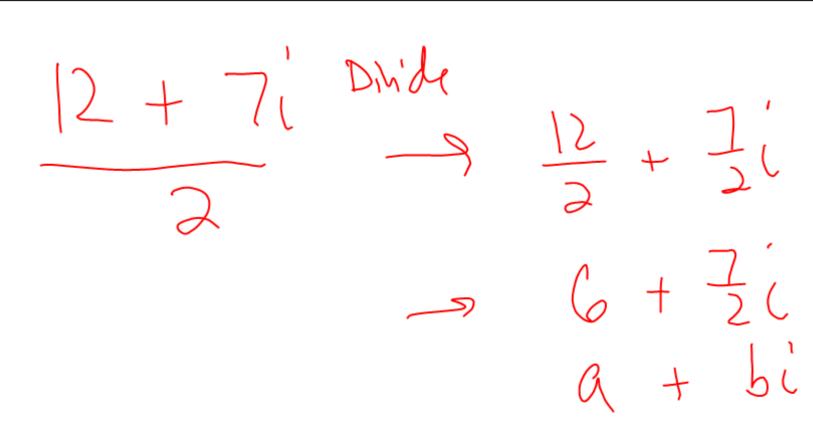
$$(2+5i)(3-2i) = 6-4i+15i-18i$$

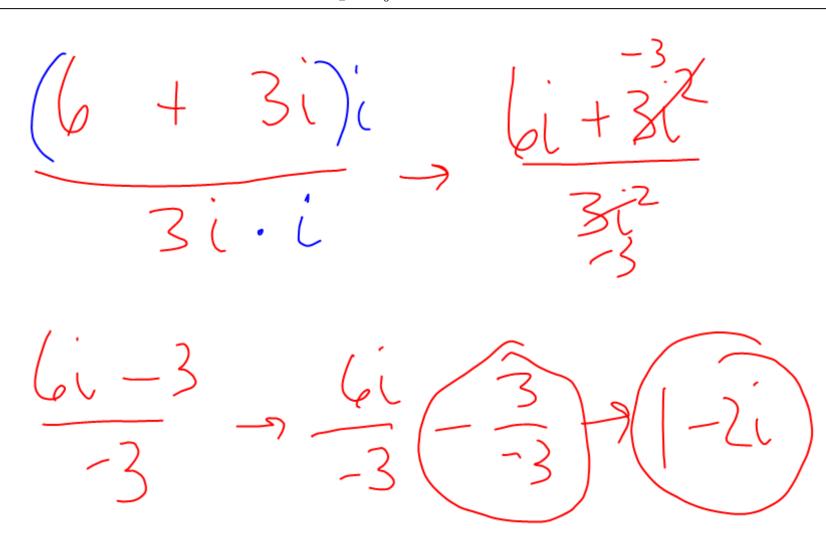
$$16+110$$

$$(2-7i)(1+3i) = 2+6i +216$$

-7i -216

Anile
$$\frac{10+5i}{5} = \frac{10}{5} + \frac{5i}{5} + \frac{7}{2} + \frac{1}{5}$$





$$\begin{array}{c}
2 + 10ii & divide & a+bi \\
5ii & \frac{10}{5} = 2 \\
2i + 15i & 2i + -10 \\
5i - 5 & -5 = 2-5i
\end{array}$$

