Personal Skills 1

Conjugate complex number

<u>Learning outcomes</u>.Deliberate write chart and find the absolute value of complex number in the form a + bi, or (a, b) and the properties of the complex to use in solving the problem

<u>Intended destination</u> Can find a conjugate the complex and use the properties of the complex conjugate to solve the problem

Name ………………………………………………………………… Class. ……………………No……………………

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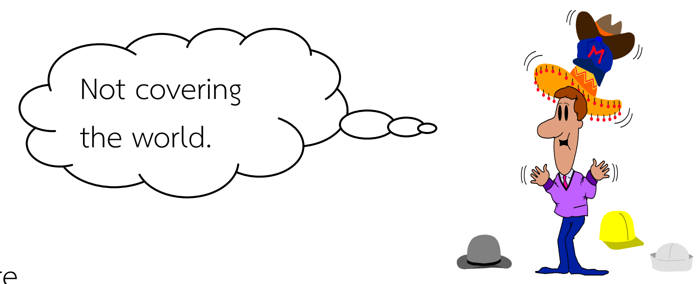
Finding the Conjugate of a Complex Number,Then write the answer in the form a + bi.

No	Problem	z= a +bi	$\bar{z}$
1	Z = (2+i) + (3-2i) = (2+3)+(2-2)i= 5+0i	5	5
2	Z = (1-3i) - (6 + 2i) = (1-6)+(-3-2)i= -5-5i	-5-5i	-5+5i
4	Z = $\left(\sqrt{-4}-3\right)-\left(\sqrt{-4}+3\right)$ =(2i-3)-(2i+3)= -6	-6	-6
5	Z = $\left(3-\sqrt{-8}\right)-\left(4+2\sqrt{-2}\right)+\sqrt{-2}$		
6	Z = 2(3 - i) - 4 (2+i)		
7	Z = $(1+i)^2-(1-i)^2$		
8	Z = $\left(3-\sqrt{-5}\right)\left(3+\sqrt{-5}\right)$		
9	Z = $\dfrac{3i}{1-i}$		
10	Z = $\dfrac{1+\sqrt{-4}}{1-\sqrt{-4}}$		
11	Z = $(1-2i)^4$		



Summary score

Score 10 points made ………………………………….. points

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