New vocabulary

Complex number i = a unique number defined as the square root of -1. It's a key part of complex numbers, which are in the form a + bi. Also called an ‘imaginary number.’

Arbitrary = based on random choice or personal [whim](https://www.google.com/search?safe=active&sca_esv=576492108&rlz=1C1GCEA_enUS1066US1066&q=whim&si=ALGXSlZ4sKXo6mIHuma_-tx79ajj6RS2wUmPofugk_1WsLt8VCG4CDQIl6d6KBM77PG7p1KcKFLwFaS_psQh_oS5_JsSvHMU1g%3D%3D&expnd=1), rather than any reason or system

Actuality = existing conditions or facts

Tangible = can be touched.

Visualized = form a mental image of; imagine

Intuitive = using or based on what one feels to be true even without conscious [reasoning](https://www.google.com/search?safe=active&sca_esv=576492108&rlz=1C1GCEA_enUS1066US1066&q=reasoning&si=ALGXSlb6hSjuI-stkeAspHuNXR7xS_c_OsP02Gs9R9lPbOpBPhFNcWG9ifNPFo-rNaGCkFZ4vyXMP1uvz4bbXhfOk4el90EFuOR6SvS6V3NoSgY9HzOxghM%3D&expnd=1); instinctive.

Obvious = easily perceived or understood; clear.





























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1 to 3 sentence summary of the article:

Try these problems with complex numbers.



6) Find the complex conjugate of the following.

