1. How would you apply a factoring formula to completely factor the expression "x4 - 1"?
2. What does the symbol "i" represent?
3. Is "12.5555…" a rational or irrational number? Explain.
4. Is "2.1273685…" a rational or irrational number? Explain.
5. Is "548/799" a rational or irrational number? Explain.
6. Simplify "(5 + 3i)(5 - 3i)." Is the result real, complex, or both? Explain.