

YUFENG CHINESE SCHOOL

ZACH MOYER - NORTH CAMPUS MATH ENRICHMENT

ASSIGNMENT #2

NAME: _____

1. Name an integer that is also a rational.
2. Name a rational that is not an integer.
3. Name two real numbers that are not rationals, but when multiplied together, the result is an integer. (Hint: They can both be the same real number!)
4. Name two real numbers that are not rationals, but when multiplied together, the result is a rational. (Hint: Is it possible to re-use your numbers from Question 3 above? If so, why?)
5. Find and list the first 20 triangular numbers using the formula given in class.
6. Find and list the first 20 square numbers using the formula given in class.