

### Sum of Three Cubes

What counting numbers between 1 and 100 are equal to the sum of the cubes of 3 integers?

For example, 7 and 36 both work:

$$7 = 2^3 + (-1)^3 + 0^3$$

$$36 = 1^3 + 2^3 + 3^3$$

List your answers in increasing order and show what three cubes you used.