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1. How many global memory reads are performed during the histogram kernel?

- If we consider the size of array as SIZE, and we know num_bins is 1024 and num_blocks is 16 we have:
 - $SIZE + (1024 * 16)$

2. How many global memory writes are performed during the histogram kernel?

- If we consider the size of array as SIZE, and we know num_bins is 1024 and num_blocks is 16 we have:
 - $1024 * 16$

3. How many total atomic operations are performed?

- If we consider the size of array as SIZE, and we know num_bins is 1024 and num_blocks is 16 we have:
 - $SIZE + 1024 * 16$