

Day 13

San Diego Recommendations

Turn to someone next to you. Take about 2 minutes to make sure you know each others' names and to share recommendations of something to do, eat, or see nearby (on campus or around San Diego).

Cyclic groups

1. "Every group of order 3 is cyclic."

This statement is...

(A) True.

(B) False.

2. How many generators does Z_{10} have?

(A) 2

(B) 3

(C) 4

(D) None of the above

3. Suppose G is a group, $a \in G$, and $|a| = 24$. Which of the following is a generator for $\langle a^{21} \rangle \cap \langle a^{10} \rangle$?

(A) a

(B) a^2

(C) a^6

(D) None of the above