

Geometry #8: Reasoning & Proof
Do Now

1. After Sara studies the number sequence

1, 1, 2, 3, 5, 8, 13, . . .

she concludes that 21 is the next number in the sequence. Which type of reasoning did Sara use to arrive at her conclusion?

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|---------------|---------------|
| (1) circular | (3) deductive |
| (2) inductive | (4) indirect |