$\equiv$ 







**Progress** 

Q Course

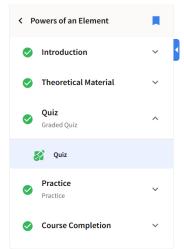
Course is completed. The course result can no longer be changed.

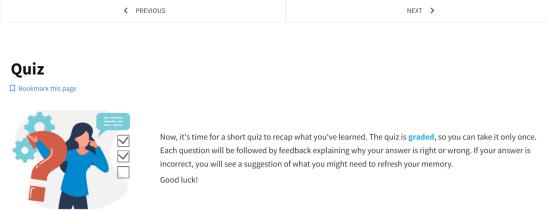
## **Powers of an Element**



? Hint

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Read the question below and enter an answer. Then, click "Submit." What is -27 mod 5? 2 Correct: Great job!

Read the question below and select **all** the answers that are correct. Then, click "Submit." Let  $k = -2^b \mod 5$ .

What are the accessible values for k?

Submit You have used 1 of 1 attempt

Submit You have used 1 of 1 attempt

$\checkmark$	
<b>~</b>	
<b>~</b>	
Corre	Nice job!

Read the question below and select the correct answer. Then, click "Submit." What is the result of (p \* q) mod m?

$(p \mod m) * (q \mod m)$
(p mod m) * a

