

David Mathew
Housewrite Questions

Tossup 1

These things can be generated infinitely by Frank Reed sources. Usually they move through the formation of kinks. They can propagate throughout the material from the surfaces and grain boundaries. When they interact with atoms they can either cut or loop. The screw type of this allows for metals to engage in cross slip and makes these things more mobile increasing the strength. They can usually be classified based on the direction of the Burger's vector and its namesake line. In the edge form of this concept a row of atoms are missing contributing to stress fields which exhibit tension and compression. For 10 points name these things that increase the strength in metals and have edge and screw components.

ANSWER: dislocations

Bonus 1

Tennis constantly has changing great players according to fans of the WTA. For 10 points each answer some of the following about these players

[10] This current tennis player has currently dominated the clay court swing of the tennis tour by winning the recent Stuttgart Open and going on a win streak of 37 matches placing her currently as the top ranked player in women's tennis

Answer: Iga Swiatek

[10] This player has recently become a great rival to Swiatek with her winning Wimbledon 2022 and runner's up at the Australian open. She plays for Kazakhstan with a cool and calm demeanor giving her the nickname "the Ice Queen".

Answer: Elena Rybakina

[10] Rybakina has failed to capture this award coming so close this year. Recent players who have received it include Novak Djokovic and Iga Swiatek and it involves winning Indian Wells and Miami back to back.

Answer: Sunshine Double

Tossup 2

A character created by the author defeats FDR in an election. Buzz Windrip dissolves the existing democratic government and incites a civil war across the United States with his use of force while in office, that happens in this author's *It can't Happen Here*. In another story by this author Carol Milford activates for reforms in Gopher Prairie Minnesota by distributing pamphlets, joining the Thanatopsis club, and encouraging greater women's participation in the town. For 10 points name this author who wrote *Main Street*.

ANSWER: Sinclair Lewis

Bonus 2:

Recently by a tweet from this author she clapped back and stated “You seem to have too much time on your hands” after she was corrected with a grammatical error with alumnus Sarah Benner for 10 points each

[10] Name this author who wrote the short story “Where Are You Going, Where Have You Been”

Answer: Joyce Carol Oates

[10] In “Where Are You Going, Where Have You Been” this character tries to rape Connie and his name is ironic due to his behavior

Answer: Arnold Friend

[10] Arnold drives this type of car which has a retractable roof and is very classy

Answer: gold convertible