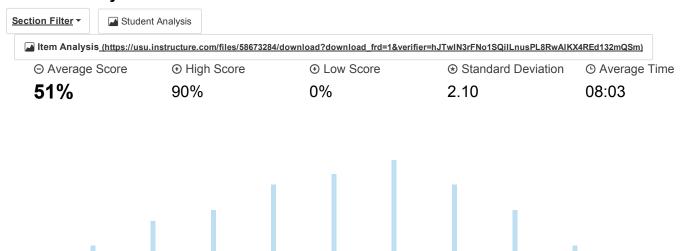
## **Quiz Summary**



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## **Question Breakdown**

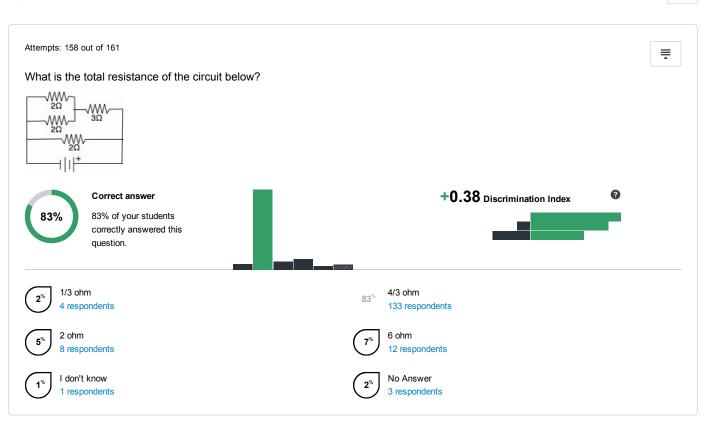
10%

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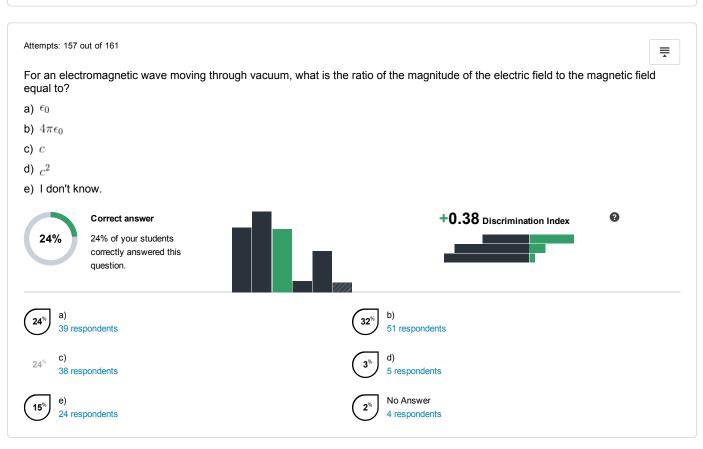
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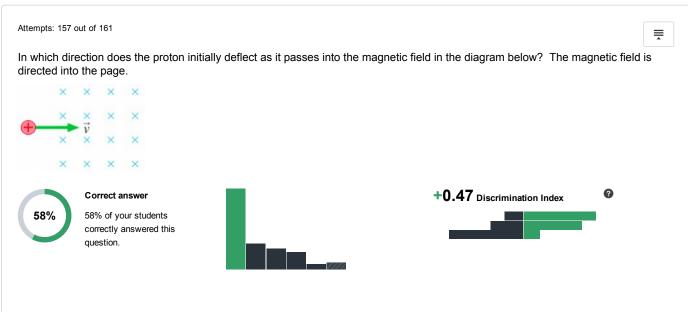


Attempts: 157 out of 161

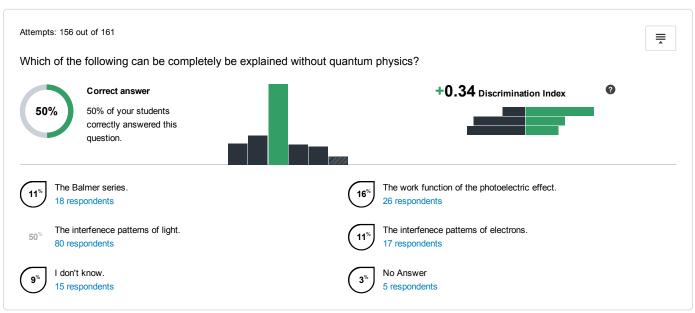
A really strong French chef throws a 1 meter long baguette at you for insulting his croissants. You dodge the loaf, which is quite a feat because it is moving at four-fifths the speed of light. How long does the loaf look to you as it whizzes by your head?

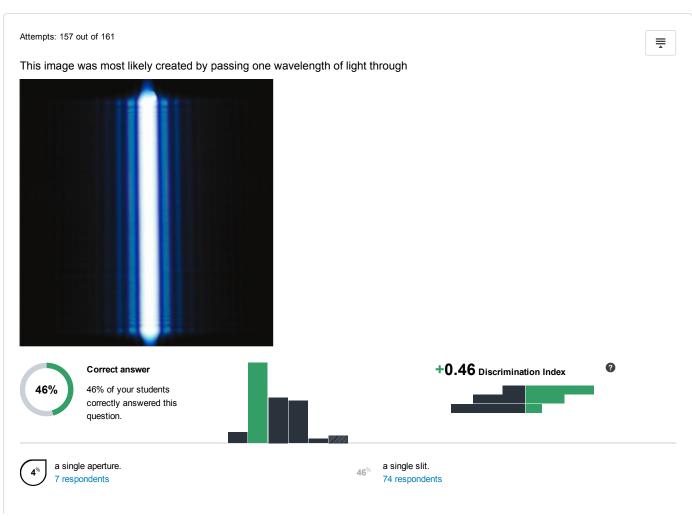
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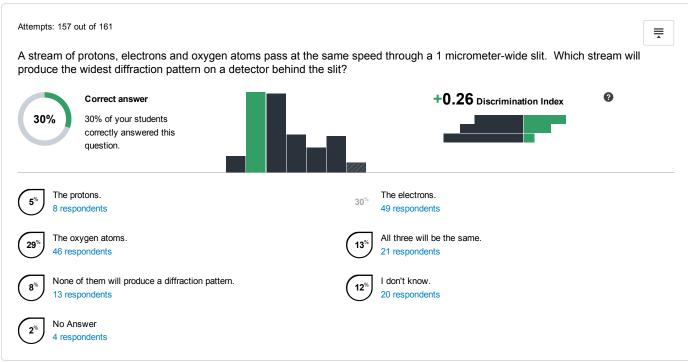


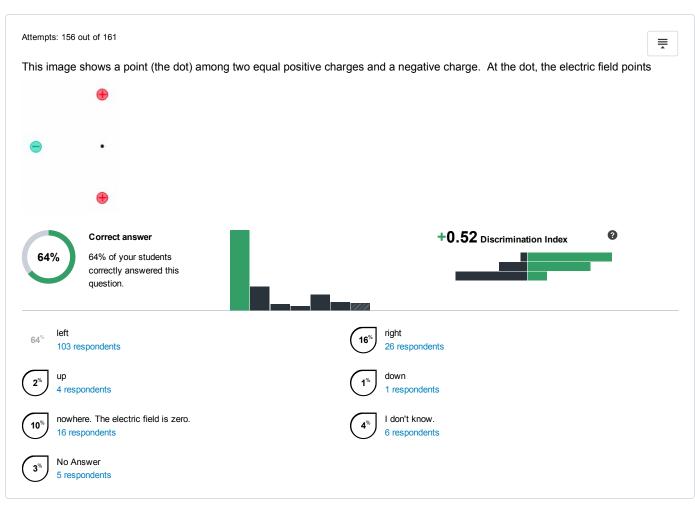




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Attempts: 153 out of 161 ₹ The image shows a blob shaped closed surface, with total area A, and has several charges scattered randomly throughout the volume it encloses. In total there are 6 free electrons and 17 free protons within the blob. If q represents the fundamental charge of a proton and  $\epsilon_0$  is the permittivity of free space, then what is the electric flux through the surface? a)  $23\frac{q^2}{4}$ c) -6qAd)  $\epsilon_0 A$ e) I don't know +0.46 Discrimination Index Correct answer 52% 52% of your students correctly answered this question. b) **52**% 10 respondents 84 respondents 7 respondents 26 respondents No Answer 26 respondents 8 respondents Attempts: 153 out of 161 藁 An electron is released from rest at point B, where the electric potential is OV. Afterward, the electron will +100 V 0 V -100 V

