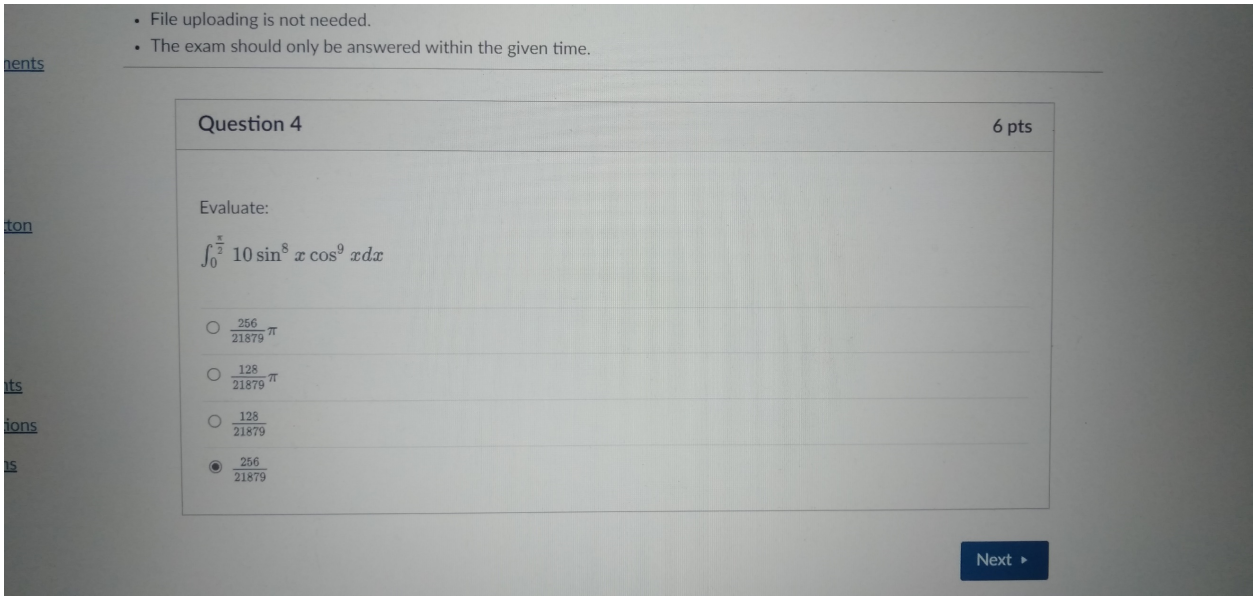
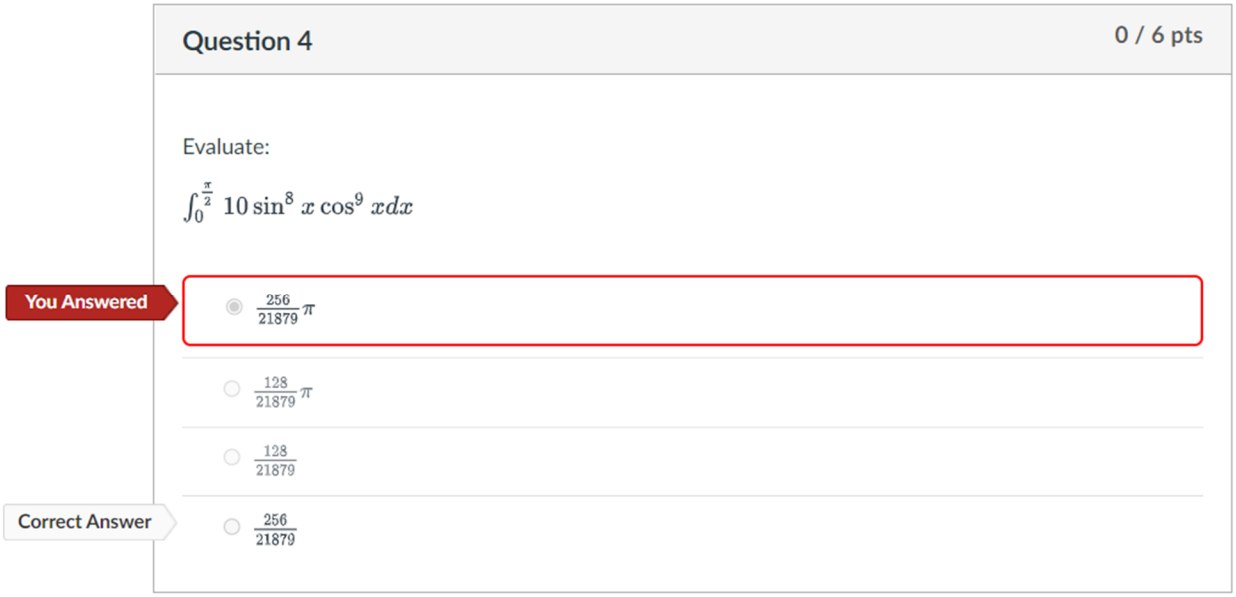
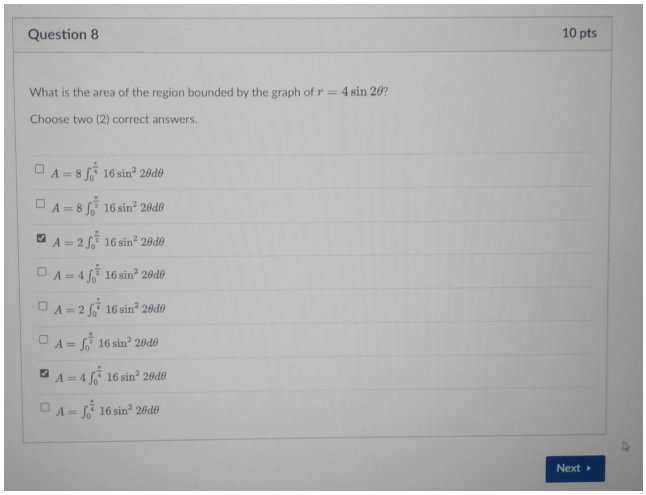
**DURING THE QUIZ**




**AFTER THE QUIZ**



## DURING THE QUIZ




## AFTER THE QUIZ

**Question 8** — 0 / 10 pts

What is the area of the region bounded by the graph of $r = 4\sin 2\theta$?

Choose two (2) correct answers.

- $A = 8\int_0^{\frac{\pi}{4}} 16\sin^2 2\theta d\theta$
- $A = 8\int_0^{\frac{\pi}{2}} 16\sin^2 2\theta d\theta$
- Correct Answer — $A = 2\int_0^{\frac{\pi}{2}} 16\sin^2 2\theta d\theta$
- You Answered — $A = 4\int_0^{\frac{\pi}{2}} 16\sin^2 2\theta d\theta$
- $A = 2\int_0^{\frac{\pi}{4}} 16\sin^2 2\theta d\theta$
- $A = \int_0^{\frac{\pi}{2}} 16\sin^2 2\theta d\theta$
- Correct! — $A = 4\int_0^{\frac{\pi}{4}} 16\sin^2 2\theta d\theta$
- $A = \int_0^{\frac{\pi}{4}} 16\sin^2 2\theta d\theta$