

Integration with Delta Functions

Quiz: Compute

$$\int_{0^-}^{10} 5\delta(t+1) + 3\delta(t) + t^2\delta(t-5) + t\delta(t-20) dt.$$

Choices:

- a) 0
- b) 25
- c) 28
- d) 33
- e) 48
- f) 53
- g) none of these

Pick what you think is the correct choice and then look at the answer.

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