Date: 11/1/13.

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This 10-point quiz will test your knowledge of simple antidifferentiation/integration techniques. Read carefully and always show your work. You have 15 minutes... good luck!

(1) Find $\int dx$.

(2) Find $\int t^{4/5} dt$.

(3) Evaluate $\int_{-1}^{1} e^x dx$.

(4) Evaluate $\int_{-1}^{1} e\, dx$.

(5) Evaluate $\int_{0}^{\pi/2} \cos y\, dy$.