

Really Stupid Integrals

Determine the answers to the following. Then find the letter of the final answer from the choices below.

- _____ 1. $\int \frac{d(\text{cabin})}{\text{cabin}} = \underline{\hspace{2cm}} + C = \underline{\hspace{2cm}}$
- _____ 2. $3 \int (\text{ice})^2 d(\text{ice}) = \underline{\hspace{2cm}} + C = \underline{\hspace{2cm}}$
- _____ 3. $2a \int \text{real} d(\text{real}) = C + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$
- _____ 4. $t \int du = C + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$
- _____ 5. $\int d(\text{art}) = C + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$
- _____ 6. $\int d(\text{wall}) = \underline{\hspace{2cm}} + C = \underline{\hspace{2cm}}$
- _____ 7. $\int \frac{d(\text{a mint})}{\text{a mint}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$
- _____ 8. If $y = \beta$ Bull, Then $dy = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$
- _____ 9. $p \int d(\text{lane}) = \underline{\hspace{2cm}} + C = \underline{\hspace{2cm}}$
- _____ 10. $4 \int dt = \underline{\hspace{2cm}} + C = \text{sea fort} = \underline{\hspace{2cm}}$
- _____ 11. $10 \int_0^t dx = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$
- _____ 12. $\int_1^2 \frac{dx}{x} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

_____ 13. $8 \int_0^t dx = \text{--- (4) (---)} = \text{---}$

_____ 14. $\int_0^{\text{board}} \cos(y) dy = \text{---}$

_____ 15. $a \int_0^1 \frac{dw}{\sqrt{1-w^2}} = \text{---} = \text{---}$

_____ 16. $\int_0^{\text{ema}} \cos(x) dx = \text{---} = \text{---}$

_____ 17. $\int_0^{\text{hide}} \sec^2(z) dz = \text{---}$

_____ 18. $-\int_{\frac{\pi}{2}}^{\text{springs}} \csc^2(v) dv = \text{---}$

_____ 19. $8 \int_{\text{tooth}}^{\text{eye}} x dx = \text{---}$

_____ 20. $\int_{\text{all}}^{\text{That's}} dr = \text{---}$

Answers:

- | | | |
|----------------|----------------------------------|--------------|
| A. eye tooth | B. sine board | C. lean-to |
| D. iceberg | E. bed springs | F. movie |
| G. battleship | H. see a real square | I. houseboat |
| J. half a pie | K. debatable | L. tent |
| M. tea for two | N. linament | O. tan hide |
| P. wound | Q. hydroplane | R. Cart |
| S. cot springs | T. no hide | U. ice cube |
| V. log cabin | W. That's - all | X. dike |
| Y. movie hero | Z. eye (4) eye - tooth (4) tooth | |