Fun Integration

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

_____ 1. $\int \dfrac{d(cabin)}{cabin} = $ _____ $+ C = $ _____

_____ 2. $3\int (ice)^2\, d(ice) = $ _____ $+ C = $ _____

_____ 3. $2a \int real\, d(real) = C + $ _____ $= $ _____

_____ 4. $t \int du = C + $ _____ $= $ _____

_____ 5. $\int d(art) = C + $ _____ $= $ _____

_____ 6. $\int d(wall) = $ _____ $+ C = $ _____

_____ 7. $\int \dfrac{d(a\ mint)}{a\ mint} = $ _____ $= $ _____

_____ 8. If $y = \beta$ Bull, Then $dy = $ _____ $= $ _____

_____ 9. $p \int d(lane) = $ _____ $+ C = $ _____

_____ 10. $4 \int dt = $ _____ $+ C = $ sea fort $= $ _____

_____ 11. $10 \int_0^t dx = $ _____ $= $ _____

_____ 12. $\int_1^2 \dfrac{dx}{x} = $ _____ $= $ _____

_____ 13. $8\int_0^t dx = \underline{\quad}(4)(\underline{\quad}) = \underline{\qquad\qquad}$

_____ 14. $\int_0^{board} \cos(y)\,dy = \underline{\qquad\qquad}$

_____ 15. $a\int_0^1 \dfrac{dw}{\sqrt{1-w^2}} = \underline{\qquad\qquad} = \underline{\qquad\qquad}$

_____ 16. $\int_0^{ema} \cos(x)\,dx = \underline{\qquad\qquad} = \underline{\qquad\qquad}$

_____ 17. $\int_0^{hide} \sec^2(z)\,dz = \underline{\qquad\qquad}$

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

_____ 19. $8\int_{tooth}^{eye} x\,dx = \underline{\qquad\qquad}$

_____ 20. $\int_{all}^{That's} dr = \underline{\qquad\qquad}$

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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