

Crack the Code

Solving Hyperbolic Equations

A	Solve $\sinh x = \frac{1}{3}$	B	Find the positive solution to the equation $\cosh x = 3$
C	Solve $\tanh x + \frac{1}{4} = 0$	D	Solve $\sinh x + \cosh x = 3$
E	Solve $4 \cosh x - 2 \sinh x = 5$	F	Solve $\cosh x + 3e^x = 4$
G	Find the positive solution to the equation $\cosh^2 x - \cosh x - 12 = 0$	H	Solve $6 \tanh^2(x) + 1 = 5 \tanh x$
I	Solve $2 \sinh^2 x - 3 = \sinh x$	J	Solve $3 \cosh^2 x = 7 \sinh x + 1$

Work out exact answers to each of the equations. To get the three-digit code, add all your answers together, multiply by 100 and round to the nearest integer.