Crack the Code — Solving Hyperbolic Equations

A	Solve $$\sinh x = \frac{1}{3}$$ $$x = \ln\left(\frac{1+\sqrt{10}}{3}\right)$$	**B**	Find the positive solution to the equation $\cosh x = 3$ $$x = \ln\left(3 + 2\sqrt{2}\right)$$
C	Solve $$\tanh x + \frac{1}{4} = 0$$ $$x = \frac{1}{2}\ln\left(\frac{3}{5}\right)$$	**D**	Solve $$\sinh x + \cosh x = 3$$ $$x = \ln 3$$
E	Solve $$4\cosh x - 2\sinh x = 5$$ $$x = \ln\left(\frac{5 \pm \sqrt{13}}{2}\right)$$	**F**	Solve $$\cosh x + 3e^x = 4$$ $$x = 0 \text{ or } x = \ln\left(\frac{1}{7}\right)$$
G	Find the positive solution to the equation $$\cosh^2 x - \cosh x - 12 = 0$$ $$x = \ln\left(4 + \sqrt{15}\right)$$	**H**	Solve $$6\tanh^2 x + 1 = 5\tanh x$$ $$x = \frac{1}{2}\ln 3 \text{ or } x = \frac{1}{2}\ln 2$$
I	Solve $$2\sinh^2 x - 3 = \sinh x$$ $$x = \ln\left(\frac{3+\sqrt{13}}{2}\right)$$ $$\text{or } x = \ln\left(\sqrt{2} - 1\right)$$	**J**	Solve $$3\cosh^2 x = 7\sinh x + 1$$ $$x = \ln\left(2 + \sqrt{5}\right)$$ $$\text{or } x = \ln\left(\frac{1+\sqrt{10}}{3}\right)$$

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. 713