This is a test by Matthew White.

Easy problems! Go!

Question 1 *Try to add these numbers: 3, 5*

Hint: $\quad 3 + 5$

$$\boxed{8}$$

Question 2 *Factor the following completely.*

$$x^2 + 2x + 1$$

Hint:

$$x^2 + 2x + 1 = (x+1)(x+1) = (x+1)^2$$

Multiple Choice:

(a) $x^2 + 2x + 1$

(b) $(x+1)^2$ ✓

(c) $(x-1)(x+1)$

Question 3 **Hint:**
$$\begin{aligned} f(x) &= 1/2x \\ g(x) &= x^2 \\ f(g(x)) &= ?? \end{aligned}$$

What is one half of x^2?

$\boxed{x^2/2}$

Learning outcomes: Teach some easy problems in Ximera