

$$\#1 \quad \sqrt{3-3} + 4 = 4$$

$$\sqrt{3--2} + 4 = \sqrt{5} + 4$$

$$\sqrt{3--a} + 4 = \sqrt{3+a} + 4$$

$$-\sqrt{3-a} + 4$$

$$\sqrt{3-(a+h)} + 4$$

#2

$$(x^2 + 4x) + (3 - x^2)$$

$$x^2 - x^2 + 4x + 3$$

$$4x + 3 \quad D: (-\infty, \infty)$$

$$x^2 + 4x - (3 - x^2)$$

$$x^2 + x^2 + 4x - 3$$

$$2x^2 + 4x - 3 \quad D: (-\infty, \infty)$$

$$(-x^2 + 3) \cdot x^2 + 4x / 3 - x^2$$

$$-1(4x + 3 / -x^2 + 3)$$

$$x \quad \sqrt{-x^2 + 3}$$

$$x \neq \pm\sqrt{3}$$

$$x < -\sqrt{3} \text{ or } -\sqrt{3} < x < \sqrt{3} \text{ or}$$

$$x > \sqrt{3}$$

$$\#3 \quad f(x) = x + 1$$

$$g(x) = 3x + 3$$

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

$$f - g = (x + 1) - (3x + 3)$$

$$2x - 2$$

$$f + g \quad (4x + 4)$$

$$f + g + h \quad x^2 + 6x + 1 + 3 + 1$$

$$x^2 + 6x + 5$$

#4 odd  $f(x) = -f(-x)$   
guessed  $\cos x$  time  
and 2 attempts

$$\#5 \quad 1/x + 5x$$

$$f(x) = f(-x)$$

$$1/x + 5x = -(-1/x - 5x)$$

$$1/x + 5x = 1/x + 5x$$