INT. I 2.1.1

2-6] FIG. 0 = 5 CHANGE = 7 $\boxed{y = 7x + 5}$

2-7] $(3a^{-2}b)^3$

$(3a^{-2}b)(3a^{-2}b)(3a^{-2}b)$

$\left(\frac{3b}{a^2}\right)\left(\frac{3b}{a^2}\right)\left(\frac{3b}{a^2}\right)$ NEGATIVE EXPONENTS MOVE (RECIPROCATE)

$\frac{3b \cdot 3b \cdot 3b}{a^2 \cdot a^2 \cdot a^2} = \boxed{\frac{27b^3}{a^6}}$

2-8] a) $h(1) = \boxed{2}$ b) $h(3) = \boxed{-4}$ c) $h(x) = 0$ $\boxed{x = -5, -2, 0, 2, 4}$

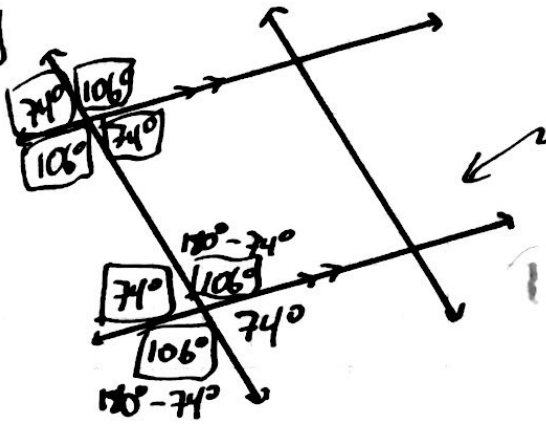
d) $h(-1) = \boxed{-2}$ e) $h(-4) = \boxed{13}$

2-9] a) $\frac{6 \cdot 7^2}{3+3} + 11 = \frac{\cancel{6}^{1} \cdot 49}{\cancel{6}_{1}} + 11 = 49 + 11 = \boxed{60}$

b) $5^{(1+2)} + 8 - 6 = 5^3 + 8 - 6 = 125 + 8 - 6 = 133 - 6 = \boxed{127}$

c) $\sqrt{3^2 + 4^2} - 5 = \sqrt{9+16} - 5 = \sqrt{25} - 5 = 5 - 5 = \boxed{0}$

2-10]



CAN'T DETERMINE THOSE ANGLES ON THE RIGHT SIDE AS IT IS NOT STATED THAT THOSE LINES ARE PARALLEL.