1. Find $f(2)$ when $f(x) = 4x^2 + 4x + 4$

$$f(2) = 4 \cdot (2)^2 + 4(2) + 4$$
$$= 4 \cdot 4 + 4(2) + 4$$
$$= 16 + 8 + 4$$
$$= 24 + 4$$
$$= 28$$

2. Solve: $V = \frac{1}{3}Bh$ for B

$$3 \cdot V = \frac{1Bh \cdot 3}{3 \quad 1}$$
$$\frac{3V}{h} = \frac{Bh}{h}$$
$$\frac{3V}{h} = B$$

3. Solve: $3(x+4) \leq 4(x-2)$

$3x+12 \leq 4x-8$

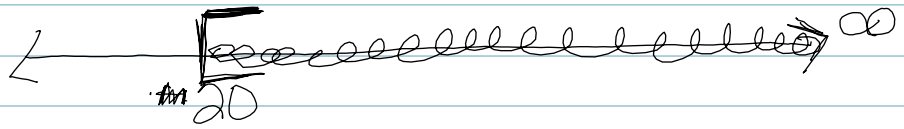
$-4x \quad -4x$

$-1x+12 \leq -8$

$-12 \quad -12$

$\frac{-1x}{-1} \leq \frac{-20}{-1}$

$x \geq 20$



$[20, \infty)$