Bathroom breaks are to be taken before class!!

Do NOT move the desk!!

Turn your phone OFF!!

Put your phone up!!

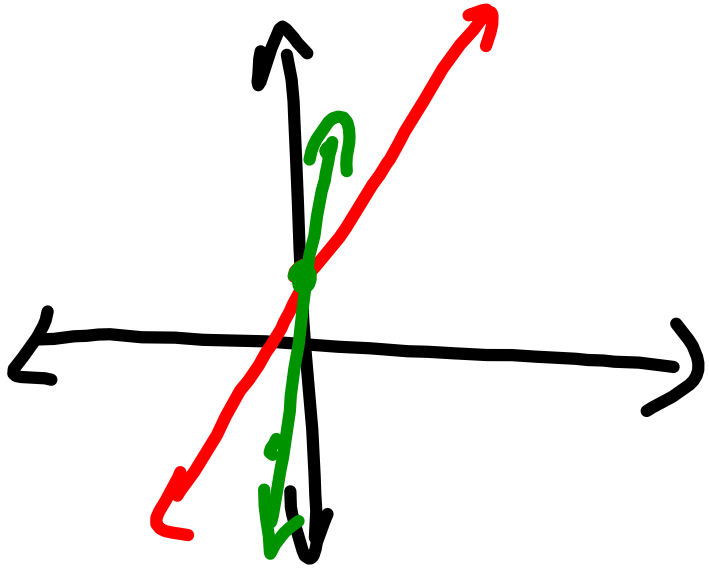
Sit down!! Be quiet!!

Prepare to work!!

Keep your hands to yourself!!

19) $f(x) = x + 2$ $h(x) = f(3x)$

HT $\prec$ by $\frac{1}{3}$



because # is larger than 1

20) $f(x) = -2x - 6$ $h(x) = \frac{1}{3}f(x)$

VT $\downarrow$ by $\frac{1}{3}$

because the # is between 0 & 1

21) $f(x) = 3x - 12$ $h(x) = \frac{1}{6} f(x)$

VT $\frac{Y}{X}$ by $\frac{1}{6}$

22) $f(x) = -x + 1$ $h(x) = f(2x)$

HT >-< by $\frac{1}{2}$

23) $f(x) = -2x - 2$ $h(x) = f(5x)$

HT × by $\frac{1}{5}$

24) $f(x) = 4x + 8$ $h(x) = \frac{3}{4} f(x)$

VT ↓ by $\frac{3}{4}$

27) $f(x) = x - 2$ $g(x) = f(x + 4)$

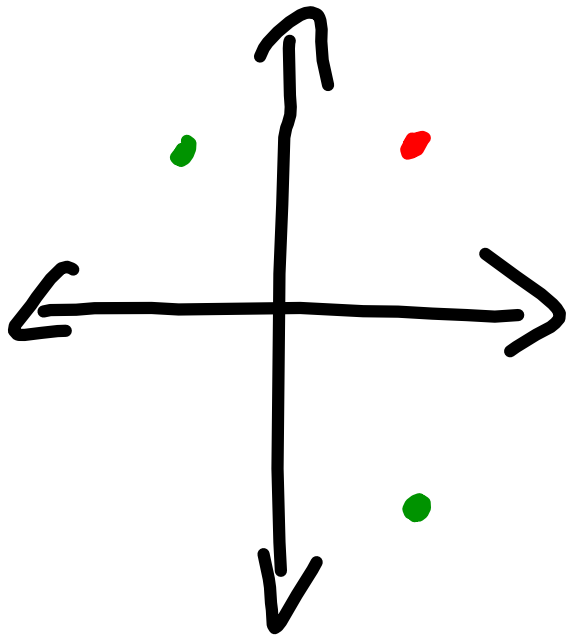
HT ← 4 units

29) $f(x) = -2x - 7$ $g(x) = f(x - 2)$

HT → 2

28) $f(x) = -1/x + 8$ $g(x) = -f(x)$

Refl x-axis



★ $f(x) = 2x + 5$ $g(x) = f(-x)$

Refl y-axis

30) $f(x) = 3x + 8$ $\quad g(x) = f\left(\frac{2}{3}x\right)$

HT $\leftrightarrow$ by $\frac{3}{2}$

31) $f(x) = x - 6$ $\quad g(x) = 6f(x)$

VT $\updownarrow$ by 6

32) $f(x) = -x$ $g(x) = f(x) - 3$

VT ↓ 3

33) $g(x) = f(x - 2)$

34) $g(x) = f(-x)$

35) $g(x) = f(x) + 4$

36) $g(x) = f(5x)$

39) $f(x) = x$ $h(x) = \frac{1}{4}x - 2$

VT ↓ 2

HT ↕ by 4