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!!

Chap 3 Sec 7

Homework

1) $f(x) = -2x$

$g(x) = f(x) + 2$

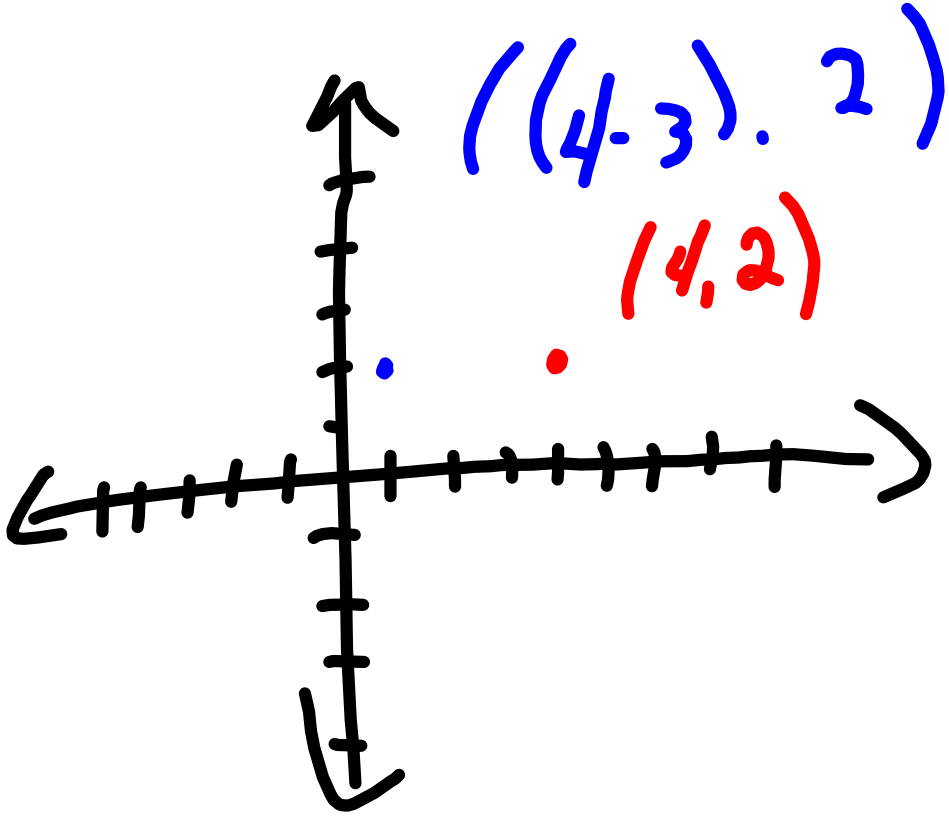
$g(x) = -2x + 2$

↑ 2

2) $f(x) = x - 3$

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

$g(x-3) = f((x-3) + 4)$ ← 3



3) $f(x) = \frac{1}{3}x + 3$

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

$\downarrow 3$

4) $f(x) = -3x + 4$

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

$\uparrow 1$

5) $f(x) = -x - 2$ $\quad g(x) = f(x+5)$

$\leftarrow 5$

6) $f(x) = \frac{1}{2}x - 5$ $\quad g(x) = f(x-3)$

$\rightarrow 3$

9) $f(x) = \frac{2}{3}x + 4$ $\quad h(x) = -f(x)$

Refl x-axis

10) $f(x) = -3x + 1$ $\quad h(x) = f(-x)$

Refl y-axis

13) $f(x) = \frac{3}{2}x - 1$ $\quad R(x) = 2f(x)$

VT $\updownarrow$ by 2

14) $f(x) = -x$ $\quad R(x) = f\left(\frac{1}{4}x\right)$

HT $\leftrightarrow$ by 4

15) $f(x) = -2x - 4$ $\quad R(x) = f\left(\frac{1}{2}x\right)$

HT $\leftrightarrow$ by 2

16) $f(x) = 3x + 5$ $\quad R(x) = f\left(\frac{1}{3}x\right)$

HT $\leftrightarrow$ by 3