Let $g(x)$ be a transformation of $f(x)$.

A) Describe the transformation (s) that is/are taking place.

B) What happens to the point $(4,-2)$ after each transformation.

1. $g(x)=f(x)+3$	2. $g(x)=f(x+1)-4$
3. $g(x)=-f(x-2)$	4. $g(x)=f(-x)+1$
5. $g(x)=3f(x)-4$	6. $g(x)=2f(x+1)+1$
7. $g(x)=2f(x)$	8. $g(x)=f(2x)$

Describe the transformation (s) that is/are taking place.

9. $g(x)=3\lvert x\rvert$	10. $g(x)=\lvert 3x\rvert$
11. $g(x)=\frac{1}{2}x^2$	12. $g(x)=\left(\frac{1}{2}x\right)^2$
13. $g(x)=-2(x+1)^2$	14. $g(x)=-\frac{1}{3}\lvert x\rvert+5$