

WORKSHEET

Figure 1

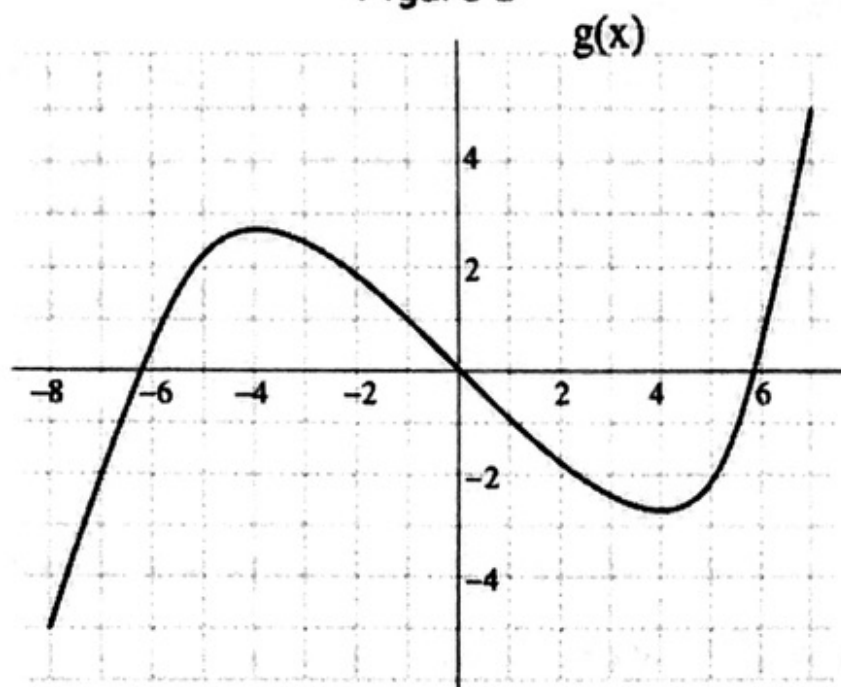
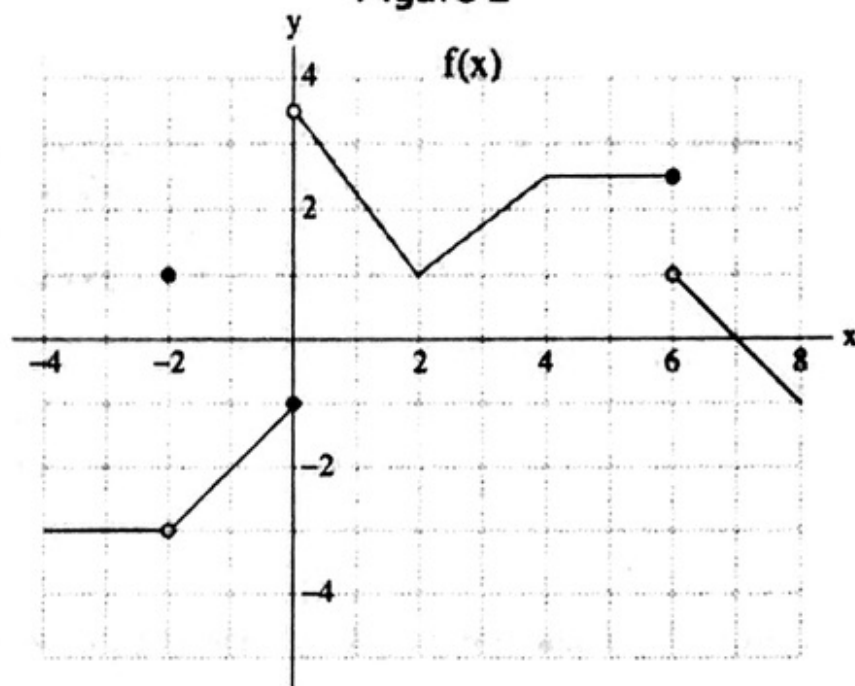


Figure 2



problem
#3

3. Use the graphs of $f(x)$ and $g(x)$ in Figures 1 and 2 above to estimate the value of the following limits.

(a) $\lim_{x \rightarrow 2} [f(x)g(x)]$

(c) $\lim_{x \rightarrow -2} [2f(x) + g(x)]$

(e) $\lim_{x \rightarrow 4} [g(x) + 3]$

(b) $\lim_{x \rightarrow 6^+} [f(x) + g(x)]$

(d) $\lim_{x \rightarrow 4} [x^2 f(x)]$