Ratio 1. (AB)
$$\{(x_1-x) \mid -2 \le x \le 3\}$$
 $g_1(x) = f(x_1-x) = x^3 - 1/2x + (-x)^3 - 3 - (-x) = 1/4/4 - 9x$
 $(-2 \le x \le 3)$
 $($