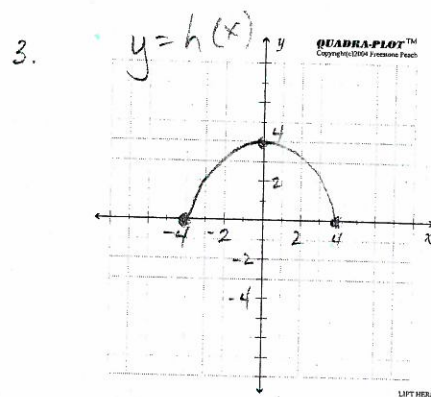
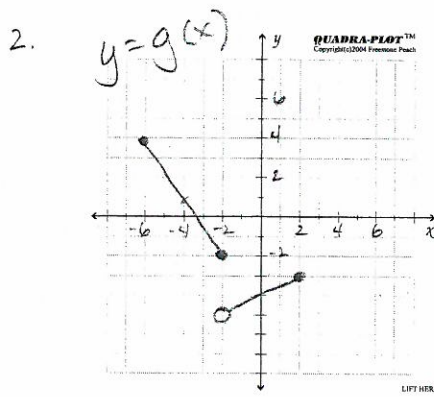
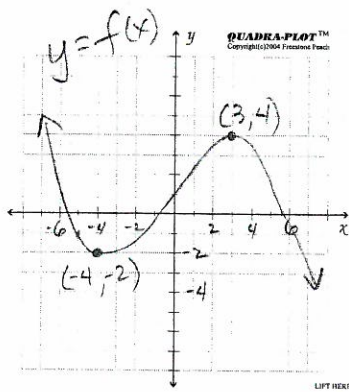


AFM - Review functions - Extra Quiz Review



domain _____
 range _____
 increasing _____
 decreasing _____
 $f(0) =$ _____
 $f(-5) =$ _____

domain _____
 range _____
 increasing _____
 decreasing _____
 $g(-4) =$ _____
 $g(-2) =$ _____
 $g(0) =$ _____

d _____
 r _____
 ↑ _____
 ↓ _____
 $h(-4) =$ _____
 $h(0) =$ _____

Find the domain of the following algebraically.

4. $f(x) = 4x^2 - 2x + 1$

5. $f(x) = 3x^3 - 2$

6. $f(x) = \frac{4x^2 - 2}{3x - 1}$

7. $f(x) = \sqrt{4x - 3}$

8. $f(x) = x^4 \sqrt{3 - 2x}$

9. $f(x) = \frac{2x + 1}{x^2 - x - 12}$

10. $f(x) = \sqrt[3]{3x - 2}$

11. $f(x) = \frac{5}{\sqrt{x - 3}}$

12. $f(x) = \frac{\sqrt{x - 4}}{x - 6}$

13. $f(x) = \frac{\sqrt{2x - 3}}{x^2 - 7x + 10}$