

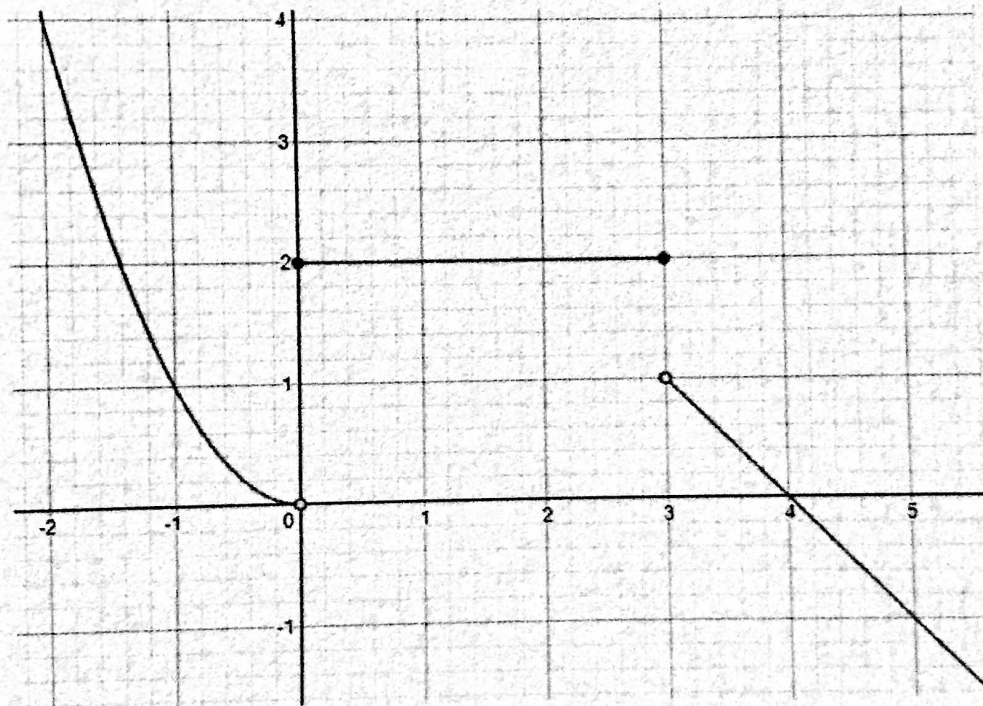
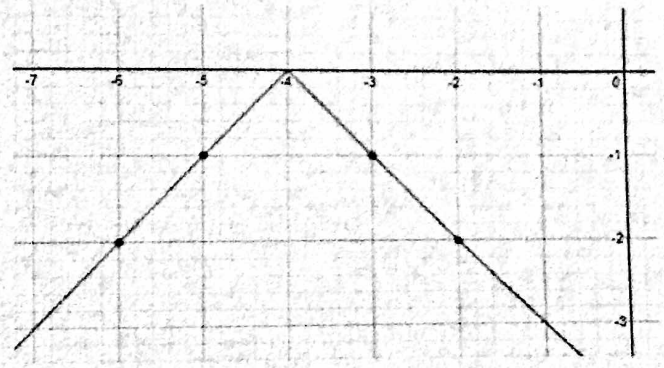
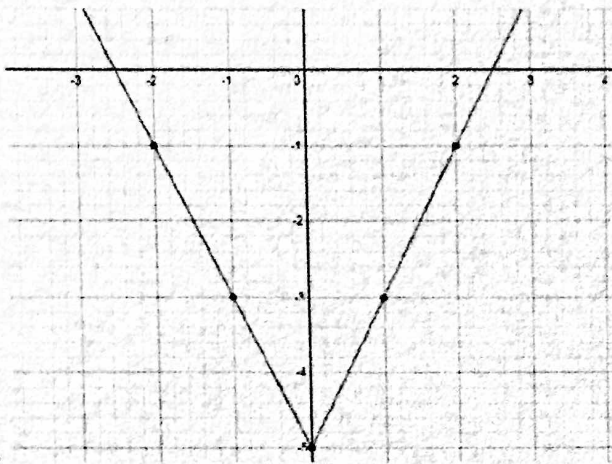
GO p. 8 Answers

1. A. -15 B. $-2x - 5$ C. $\frac{x+11}{2}$
2. $f^{-1}(x) = \frac{\sqrt[3]{x+1}}{3}$, Yes
3. $f^{-1}(x) = 3x - 9$, yes
4. $f^{-1}(x) = \frac{\sqrt{x}}{2} + 1$, No
5. Up 2
6. Right 1
7. Reflection over x-axis, vertical stretch by a factor of 3
8. a) -3 b) 2

9. Cheddar - \$4.70 Chicken - \$5.65

10. $f(x)$ & $h(x)$ as well as $g(x)$ & $j(x)$

11. Both are linear. They reflect over the line $y=x$



15. No, it does not exist for $x < -3.5$

16. Less than means in between. $-6.5 \leq x + 5 \leq 6.5$,
subtract 5 from all three and get $-11.5 \leq x \leq 1.5$

17. 10.47 years