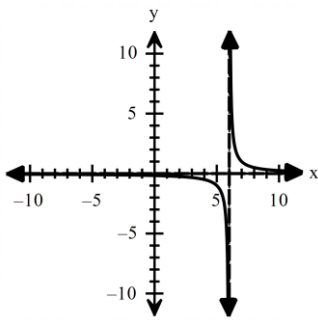


SM3 6.3 odd answers

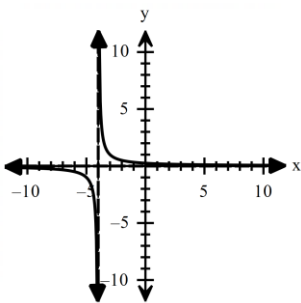
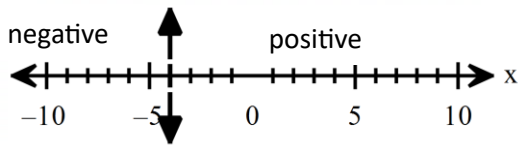
1. Domain: $(-\infty, 6) \cup (6, \infty)$



3. V.A.: $x = -4$, H.A.: $y = 0$

Domain: $(-\infty, -4) \cup (-4, \infty)$

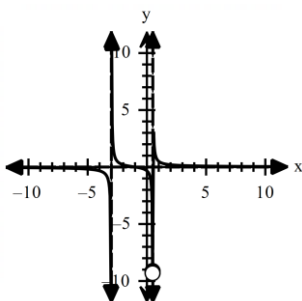
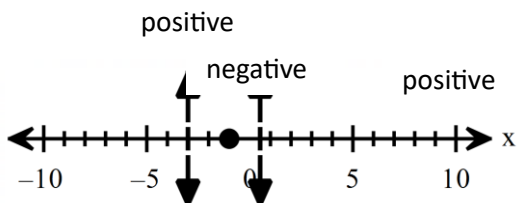
x -int: none y -int: $(0, \frac{1}{4})$



5. V.A.: $x = \frac{1}{2}, x = -3$, H.A.: $y = 0$

Domain: $(-\infty, -3) \cup (-3, \frac{1}{2}) \cup (\frac{1}{2}, \infty)$

x -int: $(-1, 0)$ y -int: $(0, -\frac{1}{3})$

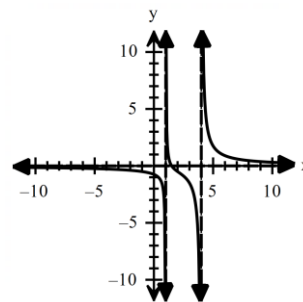
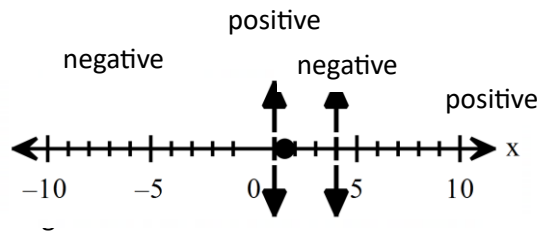


7. $f(x) = \frac{1}{x+7}$

9. V.A.: $x = 4, x = 1$, H.A.: $y = 0$

Domain: $(-\infty, 1) \cup (1, 4) \cup (4, \infty)$

x -int: $(\frac{3}{2}, 0)$ y -int: $(0, -\frac{3}{4})$



11. $f(x) = \frac{x^2}{(x+2)(x-2)}$

13. $f(x) = \frac{-2(x+1)(x-3)}{(x-1)(x+2)}$