Review 2.3-2.4's Answers

1) $a = \frac{-1}{4}$, 2) Discont @ $x=-3$ (Removable) at $x=3$ (Infinite)

#3) will do in class.

4) 254.4 $\frac{\text{In}}{\text{sec}}$; (5) NOT continuums at $x=-2$

6) a) $\begin{cases} \frac{x-4}{x^2-16}, & x \neq 4 \\ \frac{1}{8}, & x = 4 \end{cases}$ b) AT $x=-4$ Essential (or Inf).

7) $\frac{1}{3}$ 8) $\frac{2}{\pi}$ 9a) -4 , b) $y=-4x+9$

9c) $y = \frac{1}{4}x - \frac{15}{4}$