No notes, books, cellular devices or graphing calculators are to be used.

1. (0.1 #29-34) Circle the following graphs which represent functions:

2. (0.1 #23) Describe the domain of 

\[ f(x) = \frac{1}{\sqrt{3-x}}. \]
3. (0.2 #34) Sketch a graph of the function

\[ f(x) = \begin{cases} \frac{1}{2}x & \text{for } 0 \leq x < 4 \\ 2x - 3 & \text{for } 4 \leq x \leq 5 \end{cases} \]

4. (0.3 # 27) For \( g(x) = 9x \) and \( h(x) = x^3 - 5x^2 + 1 \), calculate \( h(g(x)) \).