1) Set up an equation that would find area of the enclosed region.

![Diagram of a triangle formed by functions f(x), g(x), and h(x).]

2) Set up an equation that would find area between the graphs from \([a, c]\).

![Diagram of a region bounded by functions f(x) and g(x) with a horizontal line at y = 1.]

3) Find the area of the enclosed region. \(\text{Show work}\)

\[
f(x) = x^2 - 2x + 1 \quad g(x) = x + 1
\]

4) Find the area between graphs on interval. \(\text{Show work}\)

\[
f(x) = 5 + 4x - x^2 \quad g(x) = 6x - 10
\]
Find the area of enclosed region for #5 - 7  (Set up and use calculator)

5) \[ h(x) = \ln(x) \]
\[ q(x) = (x - 5)^2 \]

6) \[ y = e^x \]
\[ y = \sqrt{x + 2} \]

7) \[ y = \frac{x}{4} + 1 \]
\[ y = (x - 2)^2 \]