MAC 1147 - Quiz 8   **Name:**

For full credit, you must <u>show all work</u> and <u>circle</u> your final answer.

1 │ The point $(3, \sqrt{7})$ is on the terminal side of an angle in standard position. Determine the values of the six trigonometric functions of this angle.

2 │ Find the period and amlituted of the following function and sketch the graph. Label the x-intercepts: $f(x) = 3cos(2x)$

3 │ Find x and r: