MATH 141: QUIZ 2 SECTIONS 2.2, 2.4, 2.5

ANN CLIFTON
UNIVERSITY OF SOUTH CAROLINA

Name: _____

No phone or calculator. You must show all work to receive full credit. Simplify your coefficients when applicable.

1. **(5 points)** Find the following limit:

$$\lim_{h \to 0} \frac{\sqrt{5h+4} - 2}{h}$$

2. **(5 points)** At what points is the following function continuous?

$$y = \sqrt{4x + 28}$$