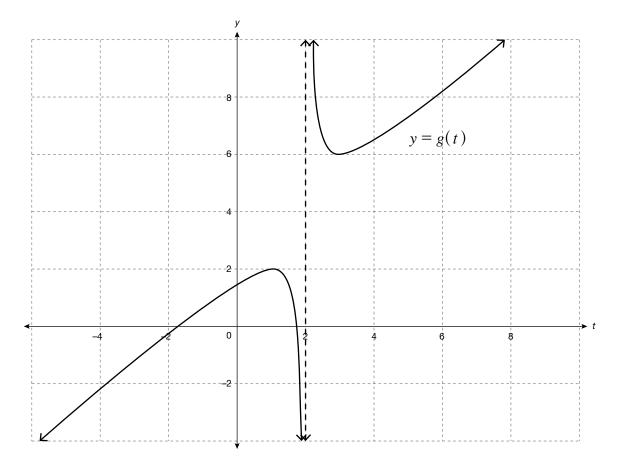 **Practice – 1**

Once you feel confident with domain, range and set builder notation, complete problems 1 and 2. Check your answers by going to the Solutions tab in Moodle.

Instructions: Answer each of the following practice questions on a separate piece of paper. Step by step solutions are provided under the Solutions tab. You will learn the material more thoroughly if you complete the questions before checking the answers.

1.   Determine the domain and range of the function $h(x) = \dfrac{\sqrt{x+2}}{x^2 + 2x - 3}$. Express your answer in set builder notation.

2.   Determine the domain and range of the function $y = g(t)$ graphed below.

$y = g(t)$