

**§ 1.4 Domain and Range**

Ryan is on the fairway trying to hit a golf ball over a tree that is 18m above the ground. The height of the ball is modeled by the function  $h(t) = -5t^2 + 20t$ , where  $t$  is the time in seconds. Explain the domain and range of the function. Is it possible that the ball will go over the tree? Explain.

State the domain and range of the following:

Decade	Number of Canadian Stanley Cups
1970	7
1980	7
1990	1
2000	0

$[(-5,9), (0,0), (3,9), (3,15), (9,-1), (11,5)]$

