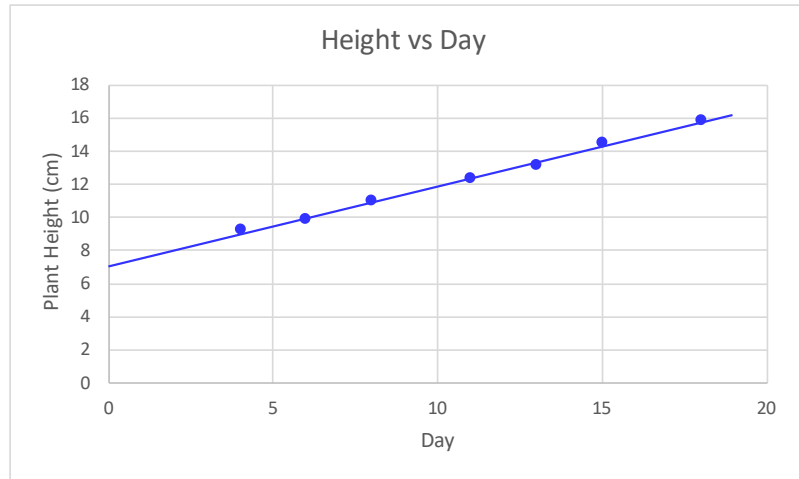# Linear Approximation Entrance Ticket

The data in the table below shows how the height of a plant changed over time.

Day	Height (cm)
4	9.2
6	9.9
8	11
11	12.3
13	13.1
15	14.5
18	15.8

Find the equation of a line that you think best follows the data. Show your work or include a justification of the values for your equation.

Use your equation to determine how tall the plant will be after 25 days? Show work.