

Connor Hunter

Period 7_a

Lopykinski

R4.1

S: $s_0 + v_0 \cdot t + (1/2) \cdot g \cdot \text{Math.pow}(t, 2)$;

G: $4 \cdot \text{Math.pi} \cdot (\text{Math.pow}(a, 3) / \text{Math.pow}(p, 2) \cdot (m_1 + m_2))$

R 4.2

- a. $M \cdot \sqrt{(1+v/c) / \sqrt{(1-v/c)}} - 1$
- b. $\pi \cdot r^2 \cdot h$
- c. $4 \cdot \pi \cdot r^3 / 3$

R4.3

The type of the variables x1 and x2 are not defined

R4.17

double x = 2.5;

double y = -1.5;

int m = 18;

int n = 4;

a. 95.025

b. 6.5

c. 11.7

d. 1.4142135...

e. 3

f. 2

g. -3