Solutions

(b) Sim: d((0,0), (500)) = \((500-0)^2 + (500-0)^2 \\

800.500 = 500 \(\overline{2} \)

2707.11 m

Bike: 4km = 4coom (given)

 $\frac{Run'}{2} = \sqrt{500^2 + 3500}$

= \$17,500,000 = 3535.43 m

Bobby

Jerry

707.11 = 353.56

707.11 = 235.70

$$\frac{4000}{15} = 266.67$$
 $\frac{4000}{12} = 333.33$

Dobby Wins