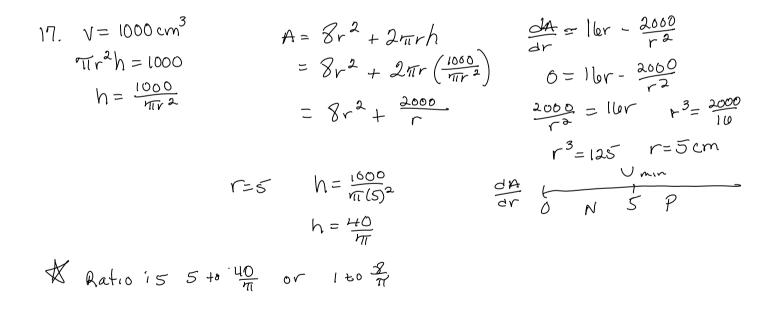
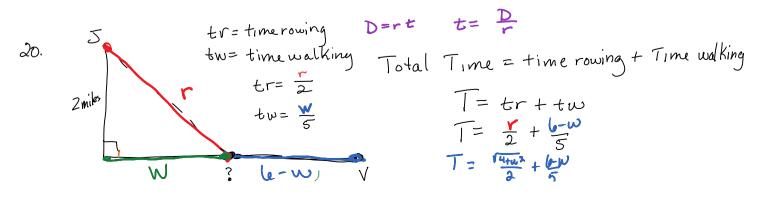
Friday, November 23, 2012 8:33 AM

4.4 Day 3

14. $S = -1/6t^{2} + 9/6t + 1/2$ a. V = -32t + 9/6 t = 0 velocity 9/6 + 1/2ec A b. 0 = -32t + 9/6 t = 3 cv. $V \xrightarrow{\qquad} P = 3 N$ $S = -1/6(3)^{2} + 9/6(3) + 1/2$ S(3) = 25/6 feet A The max. height is $2 \le 16$ feet A The max. height is $2 \le 16$ feet S' or velocity gals from t + 0 - 2 = 3. C. $0 = -1/6t^{2} + 9/6t + 1/2 = t = 7$ = -1/6(t+1)(t-7)V(7) = -32(7) + 9/6 = -128 + 1/3ec A





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X (radius) is 8.165 cm	be can se	v' goes from	T	60	$\sim \chi = 8.10$ scm.