

Math 232 Spring 2004  
Quiz 2 (1/22)

Name: \_\_\_\_\_

*This quiz is worth 10 points and you have 10 minutes to complete it. Show all work and circle your final answers.*

**Calculators ARE allowed today.**

**1.** (10 pts) The sides of a cube are expanding at a rate of 2 inches per minute. How fast is the volume of the cube changing when it has a volume of 55 cubic inches?

*(Be sure to start with a picture labeled with variable(s), and state what you are “given” and what you want to “find.” Show your work as clearly as possible, so I can see how you arrived at your answer.)*