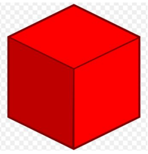
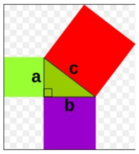
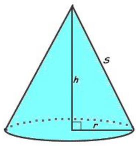
EXIT SLIP

Assessment of Objectives

Name ________________

Date ____________ **P** ____

1) Here is a set of other quadratic equations. Select one (*and an insurance problem*) to show that you can solve a function for a specific variable.

Level 1 ***(Basic)***	**Level 2** ***(Partially Prof.)***	**Level 3** ***(Proficient)***	**Level 4** ***(Advanced)***
Surface Area of Cube  **Solve for s.** $A = 6\mathbf{s}^2$	*Pythagorean Theorem*  **Solve for b.** $a^2 + \mathbf{b}^2 = c^2$	*Law of Gravity*  **Solve for r.** $F = \frac{Gm_1m_2}{r^2}$	*Surface Area of Cone*  **Solve for r.** $A = \pi r^2 + \pi s r$

2) Describe another “real-life” situation that would create a non-linear, quadratic line. What are the two variables being compared**?** How would the two variables in your function’s relationship affect one another**?** What do you think the ***equation*** for your function would be in terms of x and y**?**

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