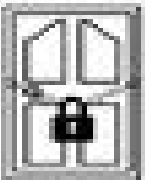
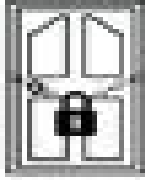


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Escape Room Project

THE STATISTICS STUDY		THE QUADRATIC EQUATIONS TOWER	
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1. The mean of the following data set is 15. What is the value of x? 12, 15, 18, 20, x, 22, 25, 28, 30, 32	2. The standard deviation of the following data set is 5. What is the value of x? 10, 15, 20, 25, 30, 35, 40, 45, 50, x	3. The vertex of the parabola is (2, -1). What is the value of x? $y = x^2 + \underline{\hspace{1cm}}x + \underline{\hspace{1cm}}$	4. The sum of the roots of the equation is -10. What is the value of x? $ax^2 + bx + c = 0$

THE EXPONENTS LABORATORY	
DIRECTIONS: Solve the questions below to escape the exponents laboratory.	 ☐ I checked my unlock code and I am correct. I have escaped the laboratory.
5. The value of the expression is 16. What is the value of x? $2^x = 16$	6. The value of the expression is 8. What is the value of x? $2^x = 8$

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