

**Mount Rainier Math Invitational**  
**Fifth Grade - February 10, 2006**  
**Team Pressure Round**  
written by Trevor Thompson

Put all answers on the colored answer sheet. All fraction answers must be reduced. The first answer submitted is worth 3 points, the second 4 points, ..., and the fifth answer is worth 7 points. You may turn in your answers in any order but each question may only be answered once!

1	Evaluate and place these numbers in increasing order: $7!/5!$ , 34, $123/3$ , -41, 0
2	The equation $y = 2x - 4$ describes a line. Find the sum of the slope of the line and the x intercept of the line.
3	Angela, Bonnie, Carol, Debbie, and Ellie are all at a tea party with their teddy bears. If they all put their bears into a pile in the center of the room, there are 7 bears in the pile. Since they all brought at least one teddy bear, what's the greatest number of bears that Ellie could have brought to the tea party?
4	$2 \times 4 + 6 \div 2 = ?$ What is the positive difference when this problem is solved using the normal order of operations and when this question is solved if the order of operations is reversed?
5	What is the remainder when 107 is divided by 17?