

2003 CIPHERING TIME TRIALS
THURSDAY, DECEMBER 11, 2003

1. What are the coordinates of the x -intercept of the line represented by the equation $3x - 4y = 12$ in the form (x, y) ?
2. How many orders can three competitors place in a math contest if ties are allowed?
3. How many positive two-digit numbers are multiples of three but have no digit that is a multiple of three?