

MASSACHUSETTS MATHEMATICS LEAGUE
CONTEST 1 - OCTOBER 2011
ROUND 6 ALG 1: EVALUATIONS

ANSWERS

A) _____

B) _____

C) _____

***** NO CALCULATORS ON THIS ROUND *****

A) Compute $(394387)^2 - (394381)^2$.

B) Given: $x + y = 5$ and $2x - 3y = 8$. Compute the numerical value of $7x - 8y$.

C) Compute: $1 - \frac{1}{2 - \frac{1}{3 - \frac{1}{4}}} + (0.2\bar{3} + 0.0\bar{4})$