

MASSACHUSETTS MATHEMATICS LEAGUE
NOVEMBER 2004
ROUND 4 FACTORING

ANSWERS

A) _____

B) _____

C) _____

A) Factor completely: $56x^2 - 78x - 108$

B) Factor completely $3xy - 20zw - 15xz + 4yw$

C) Factor completely: $a^2 + 6b^2 - 12c^2 - ac - bc - 5ab$