

Name : \_\_\_\_\_

MS3

## Factors: Algebraic Identity

Factorize each expression using algebraic identity.

1)  $x^2y^2 + 26xy + 105$

2)  $49u^2 - 7uv + 119u - 17v$

3)  $95 - 90s - 5s^2$

5)  $g^3h^2 - 14g^2h$

7)  $16a^2 + 32ab$

9)  $\frac{3}{t^2} + \frac{12}{t} + 9$

10)  $p^2q^2 + pqs - pqr - rs$

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