Name : _____

Factors: Algebraic Identities

Factorize each expression using algebraic identities.

1) $24u^2 - 9u^3 - 7u$

2) $8b^2 - 8b + 2$

3) $\dfrac{27c^3}{d^2} - 12c$

5) $16t^2 + \dfrac{s^2}{t^2} - 8$

7) $64h^3 + 48h^2 +$

9) $4x^2y^2 + 8wxy^2 + 3w^2y^2$

10) $\dfrac{81}{r^2} - r^2$