Name : _____

Factors: Algebraic Identity

Factorize each expression using algebraic identity.

1) $p^2q^2 - r^2s^2$

2) $49z^2 - x^2y^2$

3) $25v^2 - 144w^2$

5) $\dfrac{169}{t^2} - \dfrac{9}{s^2}$

7) $216 - 150u^2$

9) $\dfrac{324b}{a^2} - 4b$

10) $8m^2 - 50n^2$

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