Name : _____

Factors: Algebraic Identity

Factorize each expression using algebraic identity.

1) $\dfrac{18}{a^2} - \dfrac{8}{b^2}$

2) $36m^2 - 16n^2$

3) $400z^2 - 81$

5) $x^2y^2 - 256x^2z^2$

7) $\dfrac{144}{k^2} - k^2$

9) $75s^2 - 27$

10) $169c^2 - \dfrac{100}{b^2}$