Name : _____

Factors: Algebraic Identity

Factorize each expression using algebraic identity.

1) $81 - x^2y^2$

2) $t^2 - 64$

3) $d^2 - 9$

4) $\dfrac{1}{u^2} - v^2$

5) $\dfrac{m^2}{n^2} - 36$

6) $a^2b^2 - 144$

7) $4 - q^2$

8) $x^2 - y^2$

9) $z^2 - \dfrac{1}{z^2}$

10) $25 - p^2$