

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

## Factors: Algebraic Identities

ES1

Factorize each expression using algebraic identities.

1)  $x^3 + 125$

2)  $u^3 - v^3$

3)  $q^3 + \frac{1}{r^3}$

5)  $g^3 + h^3$

7)  $s^3t^3 - u^3$

9)  $\frac{1}{c^3} - 64$

10)  $a^3 + 343$

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