

Name : _____

Factors: Algebraic Identities

ES2

Factorize each expression using algebraic identities.

1) $s^3 + \frac{1}{s^3}$

2) $r^3s^3 + 216$

3) $a^3 + b^3$

5) $y^3z^3 - 8$

7) $\frac{1}{x^3} - 729$

9) $u^3v^3 + w^3$

10) $\frac{1}{p^3} - \frac{1}{q^3}$

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