

Name : _____

Factors: Algebraic Identities

MS2

Factorize each expression using algebraic identities.

1) $343a^3 - 64$

2) $320u^3v^3 + 5w^3$

3) $\frac{216}{r^3} - s^3$

5) $t^3 + 27u^3$

7) $24m^3n^4 - 3n$

9) $\frac{1}{s^3t^3} + 729$

10) $p^3q^5 + q^5$

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