



Factorize each expression using algebraic identities.

$$x^3 + 125$$

$$s^2 + 8s + 15$$

$$p^3 + 21p^2 + 147p + 343$$

$$m^2 + n^2 - 2mn + 6n + 6m + 9$$

$$d^3 - 8$$

$$x^2 + y^2 + 2xy + \frac{1}{z^2} + \frac{2y}{z} + \frac{2x}{z}$$



$$81 - x^2y^2$$

$$m^2n^2 - 2mn + 1$$

$$c^2 + d^2 - 2cd + 14d - 14c + 49$$

$$y^3 - 24y^2 + 192y - 512$$