

(a) $(x^2y^3)^2 = (x^2)^2 (y^3)^2 = x^4y^6$

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(b)
$$(x^2)^3 (x^2)^4 = x^6 y^9 z^8$$

(d)
$$(-2 a^2 b^3)^2 = 4 b^6 = 4$$

(e)
$$(-2a^2b^3)^3 = (-2)^3$$

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