

Name _____

Power of Products

Simplify by using power of product rule.

1) $a^5 \cdot b^5$ $(a \cdot b)^5$	2) $(-x)^3 \cdot (-y)^3$
3) $c^2 \cdot (-d)^2$	4) $(-2x)^5 \cdot (-y)^5$
5) $(-c)^6 \cdot d^6$	6) $(-5a)^4 \cdot (-4b)^4$
7) $(-x)^3 \cdot y^3 \cdot (-z)^3$	8) $(-a)^5 \cdot (-b)^5 \cdot c^5$