Power Up Facts G
ANSWER KEY

Facts	Simplify. Find the exponent.		
$10^3 \cdot 10^4 = 10^{\boxed{7}}$	$\dfrac{10^6}{10^2} = 10^{\boxed{4}}$	$(10^3)^2 = 10^{\boxed{6}}$	$\sqrt{10^2} = 10^{\boxed{1}}$
$10^{\boxed{0}} = 1$	$\dfrac{x^4 \cdot x^5}{x^3} = x^{\boxed{6}}$	$x^4 \cdot x = x^{\boxed{5}}$	$\dfrac{x^6}{x} = x^{\boxed{5}}$
$\dfrac{x^3 \cdot x^5}{x^2 \cdot x^4} = x^{\boxed{2}}$	$(x^4)^2 = x^{\boxed{8}}$	$(2x^2)^3 = 8x^{\boxed{6}}$	$\dfrac{x^3}{x^2} = x^{\boxed{1}}$