

$x^4 \cdot x^2$	$x^{20} \cdot y^{12}$
$2^7 : 2^4$	$x^6 \cdot y^6$
$(2^7)^4$	$x^6 \cdot y^3$
$(3 \cdot 5)^4$	$x^3 \cdot y^3$
$3^5 \cdot 3^2$	x^{40}
$(3^5)^2$	x^6
$(3 \cdot 2)^2$	x^2
$3^5 : 3^2$	x^8

$x^4 : x^2$	$x^{40} \cdot y^{24}$
$(x \cdot y)^3$	$3^2 \cdot 2^2$
$(x^4)^2$	$3^4 \cdot 5^4$
$2^7 \cdot 2^4$	3^{10}
$[(x^4)^2]^5$	3^3
$(x^2 \cdot y)^3$	3^7
$(x^2 \cdot y^2)^3$	3^{11}
$(x^5 \cdot y^3)^4$	3^{15}

$[(x^5 \cdot y^3)^4]^2$	x^{128}
$(3^3 : 3^2) \cdot [(3^6 \cdot 3^4) : 3^5]^2$	x^0
$[(3^6 \cdot 3^4) : 3^5]^3$	2^{20}
$[(2^6 \cdot 2^4) : 2^5]^2$	2^0
$[(2^6 \cdot 2^4) : 2^5]^2 \cdot [(2^6 \cdot 2^4) : 2^5]^2$	2^{10}
$[(2^6 \cdot 2^4) : 2^5]^2 : [(2^6 \cdot 2^4) : 2^5]^2$	2^{28}
$[(x^5 \cdot x^3)^4]^2 \cdot [(x^5 \cdot x^3)^4]^2$	2^3
$[(x^5 \cdot x^3)^4]^2 : [(x^5 \cdot x^3)^4]^2$	2^{11}