

HCFs and LCMs with Prime Factors 1

	HCF	LCM
$2^3 \times 3^5 \times 5^3$		
$2^5 \times 3^4 \times 5^6$		
$2^2 \times 5 \times 7^4$		
$3^3 \times 5^4 \times 7^2$		
$3^6 \times 5^2 \times 11$		
$2^3 \times 5^3 \times 7^3$		
$2^2 \times 5^5 \times 7^7$		
$2^5 \times 7^3 \times 11^3$		
$3^2 \times 11 \times 13^2$		
$2^3 \times 7^3 \times 17^2$		
$2^5 \times 3^3 \times 5^6 \times 11^3$		
$2^2 \times 3 \times 7^4 \times 11^2$		
$3^2 \times 5^3 \times 7^8$		
$2^5 \times 5^7 \times 7^3 \times 11^4$		
$a^3 b^8 c^4 d^3$		
$a^2 b d^9 e^5$		

HCFs and LCMs with Prime Factors 2

	HCF	LCM
$3^{27} \times 5^8 \times 7^{21}$		
$3^{11} \times 7^{23} \times 11^{14}$		
$3^{24} \times 5 \times 7^{40}$		
$2^{31} \times 5^{14} \times 11^{12}$		
$a^{10}b^8c$		
$b^3c^3d^3$		
$b^{13}c^{61}d^{35}$		
$ab^{12}c^{31}e^6$		
$2^{\dots} \times 5 \times 7^{\dots}$		$2^{18} \times 5^{35} \times 7^{21}$
$2^3 \times 5^{35} \times 7^2$		
$a^{\dots}c^{\dots}d^{\dots}$	$a^{18}d^{\dots}$	$a^{\dots}b^{43}c^{41}d^{27}$
$a^{32}b^{\dots}d^{17}$		
$3^{\dots} \times 5^{30} \times 7^{18}$	$5^{\dots} \times 7^{\dots}$	$2^{25} \times 3^{21} \times 5^{71} \times 7^{53} \times 11^{64}$
$2^{\dots} \times 5^{\dots} \times 7^{\dots} \times 11^{\dots}$		
$a^{\dots}b^9c^{\dots}d^2$	$a^5cd^2$	$a^8b^{\dots}c^4d^{\dots}e^7$
$a^8cd^3e^{\dots}$		

HCFs and LCMs with Prime Factors 1 (Answers)

	HCF	LCM
$2^3 \times 3^5 \times 5^3$	$2^3 \times 3^4 \times 5^3$	$2^5 \times 3^5 \times 5^6$
$2^5 \times 3^4 \times 5^6$		
$2^2 \times 5 \times 7^4$	$5 \times 7^2$	$2^2 \times 3^3 \times 5^4 \times 7^4$
$3^3 \times 5^4 \times 7^2$		
$3^6 \times 5^2 \times 11$	$5^2$	$2^3 \times 3^6 \times 5^3 \times 7^3 \times 11$
$2^3 \times 5^3 \times 7^3$		
$2^2 \times 5^5 \times 7^7$	$2^2 \times 7^3$	$2^5 \times 5^5 \times 7^7 \times 11^3$
$2^5 \times 7^3 \times 11^3$		
$3^2 \times 11 \times 13^2$	1	$2^3 \times 3^2 \times 7^3 \times 11 \times 13^2 \times 17^2$
$2^3 \times 7^3 \times 17^2$		
$2^5 \times 3^3 \times 5^6 \times 11^3$	$2^2 \times 3 \times 11^2$	$2^5 \times 3^3 \times 5^6 \times 7^4 \times 11^3$
$2^2 \times 3 \times 7^4 \times 11^2$		
$3^2 \times 5^3 \times 7^8$	$5^3 \times 7^3$	$2^5 \times 3^2 \times 5^7 \times 7^8 \times 11^4$
$2^5 \times 5^7 \times 7^3 \times 11^4$		
$a^3 b^8 c^4 d^3$	$a^2 b d^3$	$a^3 b^8 c^4 d^9 e^5$
$a^2 b d^9 e^5$		

HCFs and LCMs with Prime Factors 2 (Answers)

	HCF	LCM
$3^{27} \times 5^8 \times 7^{21}$	$3^{11} \times 7^{21}$	$3^{27} \times 5^8 \times 7^{23} \times 11^{14}$
$3^{11} \times 7^{23} \times 11^{14}$		
$3^{24} \times 5 \times 7^{40}$	5	$2^{31} \times 3^{24} \times 5^{14} \times 7^{40} \times 11^{12}$
$2^{31} \times 5^{14} \times 11^{12}$		
$a^{10}b^8c$	$b^3c$	$a^{10}b^8c^3d^3$
$b^3c^3d^3$		
$b^{13}c^{61}d^{35}$	$b^{12}c^{31}$	$ab^{13}c^{61}d^{35}e^6$
$ab^{12}c^{31}e^6$		
$2^{18} \times 5 \times 7^{21}$	$2^3 \times 5 \times 7^2$	$2^{18} \times 5^{35} \times 7^{21}$
$2^3 \times 5^{35} \times 7^2$		
$a^{18}c^{41}d^{27}$	$a^{18}d^{17}$	$a^{32}b^{43}c^{41}d^{27}$
$a^{32}b^{43}d^{17}$		
$3^{21} \times 5^{30} \times 7^{18}$	$5^{30} \times 7^{18}$	$2^{25} \times 3^{21} \times 5^{71} \times 7^{53} \times 11^{64}$
$2^{25} \times 5^{71} \times 7^{53} \times 11^{64}$		
$a^5b^9c^4d^2$	$a^5cd^2$	$a^8b^9c^4d^3e^7$
$a^8cd^3e^7$		

