

# Indices Codebreaker

$x^{13}$	$x^{19}$	$x^{16}$	$x^{11}$	$x^9$	$x$	$x^{22}$	$x^4$	$x^2$	$x^{18}$	$x^{14}$	$x^{10}$	$x^{23}$
A	B	C	D	E	F	G	H	I	J	K	L	M

$x^6$	$x^8$	$x^{26}$	$x^{21}$	$x^{24}$	$x^{12}$	$x^{15}$	$x^{20}$	$x^{25}$	$x^5$	$x^3$	$x^7$	$x^{17}$
N	O	P	Q	R	S	T	U	V	W	X	Y	Z

Answer the questions below and link your answers to the table above to form a sentence.

Question	Simplified	Letter
$x^3 \times x^4$		
$x^{10} \div x^2$		
$(x^5)^4$		

Question	Simplified	Letter
$(x^3)^5$		
$x^3 \times x$		
$x^{11} \div x^2$		

Question	Simplified	Letter
$(x^2)^4$		
$x^5 \div x^4$		

$(x^2)^7$		
$x^8 \div x^2$		
$x^3 \times x^5$		
$x^9 \div x^4$		

$x^7 \times x^3$		
$x^{14} \div x$		
$x^6 \div x$		
$(x^2)^6$		

$x \times x$		
$x^{13} \div x^7$		
$x^5 \times x^6$		
$x^{18} \div x^{16}$		
$(x^4)^4$		
$x^3 \times x^6$		
$x^{20} \div x^8$		

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$x^{13}$	$x^{19}$	$x^{16}$	$x^{11}$	$x^9$	$x$	$x^{22}$	$x^4$	$x^2$	$x^{18}$	$x^{14}$	$x^{10}$	$x^{23}$
A	B	C	D	E	F	G	H	I	J	K	L	M

$x^6$	$x^8$	$x^{26}$	$x^{21}$	$x^{24}$	$x^{12}$	$x^{15}$	$x^{20}$	$x^{25}$	$x^5$	$x^3$	$x^7$	$x^{17}$
N	O	P	Q	R	S	T	U	V	W	X	Y	Z

Answer the questions below and link your answers to the table above to form a sentence.

Question	Simplified	Letter
$x^3 \times x^4$	$x^7$	Y
$x^{10} \div x^2$	$x^8$	O
$(x^5)^4$	$x^{20}$	U

Question	Simplified	Letter
$(x^3)^5$	$x^{15}$	T
$x^3 \times x$	$x^4$	H
$x^{11} \div x^2$	$x^9$	E

Question	Simplified	Letter
$(x^2)^4$	$x^8$	O
$x^5 \div x^4$	$x$	F

$(x^2)^7$	$x^{14}$	K
$x^8 \div x^2$	$x^6$	N
$x^3 \times x^5$	$x^8$	O
$x^9 \div x^4$	$x^5$	W

$x^7 \times x^3$	$x^{10}$	L
$x^{14} \div x$	$x^{13}$	A
$x^6 \div x$	$x^5$	W
$(x^2)^6$	$x^{12}$	S

$x \times x$	$x^2$	I
$x^{13} \div x^7$	$x^6$	N
$x^5 \times x^6$	$x^{11}$	D
$x^{18} \div x^{16}$	$x^2$	I
$(x^4)^4$	$x^{16}$	C
$x^3 \times x^6$	$x^9$	E
$x^{20} \div x^8$	$x^{12}$	S