

ORDER OF OPERATIONS

Solve the problems on another piece of paper by making boxes.

Student: _____ Course/Section: _____

Simplify each expression. Then use your solutions to color the corresponding letter with the given color to reveal the mystery picture.

U	D	A	L	L	L	I	I	I	Q	T	T	J	J	D	D	D	D	C	C	L	Q	N	A	E	E	Q	T	W	G	N	L			
D	U	A	L	F	F	Q	F	F	Q	Q	T	B	P	P	J	T	T	T	C	C	C	C	E	Q	A	E	E	Q	T	G	N	G	N	
D	D	U	F	F	F	F	F	F	Q	J	P	P	O	A	J	C	C	C	C	C	C	H	Q	A	E	Q	G	N	L	W	G			
D	U	A	F	F	F	F	F	F	Q	J	P	B	N	A	C	C	V	C	C	O	C	C	C	P	Q	A	U	F	W	F	U	W		
U	D	A	E	F	F	F	F	F	W	P	J	J	N	N	A	D	V	V	V	C	C	C	C	R	P	E	Q	F	F	F	F	I		
N	U	E	E	W	F	F	F	P	P	P	B	J	J	N	A	D	D	V	C	C	S	S	K	R	P	E	P	Q	F	F	F	G	I	
N	N	U	E	E	E	F	P	P	W	D	B	B	J	J	J	J	D	S	S	S	K	K	R	R	R	E	P	P	Q	F	W	P	T	
L	N	W	U	G	G	D	W	P	D	J	B	N	J	J	J	J	S	S	K	K	K	X	R	R	L	L	L	L	E	D	P	T		
L	L	G	L	G	G	A	P	D	J	B	N	M	J	J	J	J	S	K	K	K	K	K	X	R	R	D	D	E	D	E	P	T		
L	L	G	Q	Q	K	A	D	W	J	B	N	M	B	J	J	J	B	K	K	K	K	K	X	R	R	D	D	E	W	U	T			
L	W	G	Q	K	K	A	D	J	B	N	M	B	B	B	B	B	B	K	K	K	K	K	R	X	R	R	E	A	E	U	N			
K	K	G	Q	K	K	U	D	B	N	M	B	B	B	B	B	B	R	K	K	K	K	K	R	Q	I	N	N	E	A	U	N			
K	K	K	Q	K	L	U	J	I	M	B	B	B	B	B	B	M	R	K	K	K	K	R	R	Q	N	I	N	W	E	I	U			
A	K	K	K	U	L	B	I	L	L	T	B	B	B	B	B	Q	N	R	K	K	K	R	R	Q	I	N	I	E	I	E	U			
A	A	D	H	U	D	N	A	I	L	T	B	B	B	B	M	P	Q	P	R	K	K	R	D	I	Q	I	N	I	T	T	U			
K	D	D	A	H	D	N	A	L	I	I	I	B	V	B	B	V	P	N	Q	V	R	R	V	X	D	D	I	N	I	T	T	U		
E	K	D	A	H	H	H	H	H	H	H	H	H	H	H	H	H	F	F	H	H	H	H	H	H	H	H	H	H	H	H	H	H		
W	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	F	F	H	H	H	H	H	H	H	H	H	H	H	H	H	H		
W	E	T	T	E	E	E	U	L	L	U	U	B	B	J	T	I	I	I	T	Q	Q	K	X	X	P	P	A	E	E	E	A	E	E	
W	W	E	T	E	E	E	U	L	L	U	U	B	J	T	G	T	I	T	Q	T	Q	T	K	X	P	P	L	A	L	A	T	A	E	
W	W	W	E	N	N	N	N	N	N	L	L	L	J	T	G	G	I	T	I	Q	Q	T	Q	Q	R	P	P	L	L	A	L	T	T	A

① $3+2 \times 4^2 - 6$		② $2 \times (5^2 - 3) + 3$		③ $3^3 + 8 - (5 + 2)$		④ $\frac{15 \times 3}{2+8-4-3+6}$	
13	29	47	17	7	28	6	5
A) Black	B) Blue	C) Yellow	D) Pink	E) White	F) Red	G) Orange	H) Brown
⑤ $(2^3 + 7 - 5) \times 6$		⑥ $(4 + 3^2 - 2) \times 5$		⑦ $(6 - 2 + 5^2) \times 3$		⑧ $\frac{12 \times 4}{6+2-1-5+3}$	
48	60	55	40	87	42	48/5	9
I) Yellow	J) Light Blue	K) Light Green	L) Orange	M) Dark Blue	N) Brown	O) Black	P) Grey
⑨ $(3^2 - 15 + 6 \times 4) \div 2$		⑩ $(6 \times 3 - 7 + 2^2) \div 5$		⑪ $(8 - 2^3 + 12 \times 2) \div 4$		⑫ $\frac{9 \times 3}{2+6-3-1+8}$	
15	9	6	10	15	6	8	9/4
Q) Beige	R) Green	S) Turquoise	T) Pink	U) Grey	V) Orange	W) White	X) Dark Green