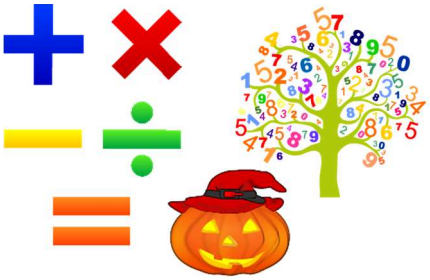
ORDER OF OPERATIONS: ACTIVITY

Use the grid to work out the answers to the riddles below.

A	B	C	D	E	F	G	H	I	J	K	L	M
9	11	14	16	1	13	8	15	4	32	6	24	28

N	O	P	Q	R	S	T	U	V	W	X	Y	Z
-7	2	10	30	3	19	18	12	36	15	22	5	25



1. What do you get if you divide the circumference of a jack-o-lantern by its diameter?

$8 \div 4 + 2^3$	$8 \times 3 - 6 \times 2$	$\frac{9 \times 4 + 2(10)}{5 + (3 - 6)}$	$\frac{2 + 3 \times 6}{4 - 2 \times 1}$	$\frac{2(3^2)}{15 \div 5}$	$2 - (7 - 9)$	$1 - 8$		$4 \times 3 - \sqrt{4}$	$\frac{2 - 14}{-15 \div 5}$
10									
P									

2. What is a Math Teacher's favourite type of tree?

$16 \times \frac{1}{2}$	$\frac{1}{3} of (-1 + 4)$	$\frac{2 \times 2 \times 2}{2 \times 2}$	$14(-3 + 5)$	$\frac{3^2 - 2}{2 + 5}$	$3^2(-2 + 4)$	$\frac{(1.5 \times 10)}{-3 + 8}$	$4 \div (2^2)$	$\frac{(1 + 2 \times 3)}{-5 + 12}$

3. Who invented the round table?

$6 \times 3 + 1$	$\frac{6 - 2}{4 \div 4}$	$\frac{9 + 3}{6 - 2}$		$2 + 2 \times 6$	$0 + 3 \times 2^2$	$\frac{12 \times 7}{21 \div 7}$	$\frac{2(26)}{0.25}$	$\frac{\sqrt{625}}{5^2}$	$9 \div \sqrt{9}$	$\frac{4 + 3}{3 + 4}$	$1 - 8 \times 1$	$-4 + 3 \times 6$	44^0

4. What tool do you use in Mathematics?

$8 \times 4 - 2^2$	$6 \times 3 - 6$	$8 \times 3 \div \frac{12}{12}$	$8 + 2 \times 5$	$12 - 2^3$	$6 + 2^2$	$8 + 2^4$	$-4 + 3^2$	$-7 + 2^3$	$2^3 - 5$	$-6 + 5^2$

5. What is the king of the pencil case?

$9 \div (4 \div 8)$	$-1 + 4^2$	$-2 + \sqrt{9}$		$-9 + 2^2 \times 3$	$16 - \frac{12\pi}{3\pi}$	$4 + 2 \times 10$	$6 + 4 \times 2 - 13$	$\frac{6}{3} + 1^{14}$