



NAME _____

DATE _____

**ORDER OF OPERATIONS
(CHALLENGING)**

Use the order of operations to simplify. Find the answers in the bank to learn part of the joke.

1. $[(8 - 24) \times (5 - 13)] - 28$

2. $[(39 - 24) \div (17 - 22)]$

3. $[(32 - 6 \times 8) \div (45 \div 5 - 7)]$

4. $848 - [(2^7 - 81) \times (5^2 + 3)]$

5. $6 \times [(20 - 17)^2 - (188 - 190)^3]$

6. $20 - [(14^2 - 236) \div (2^4 + 4)]^2$

7. $[(4 + 5^3) \div (3^3 + 4^2)] \times 8$

8. $[(5 - 6^3 \div 18) \times (7 + 4^3 \div 16)]$

9. $\frac{1 + 9 \times 3}{7 - 3}$

10. $\frac{11^2 + 13 \times 5}{8 - 16}$

11. $\frac{(221 - 5^3) \div 4^2}{6^3 \div 12}$

12. $\frac{287 - (15^3 - 374 \times 6)}{(2 \times 3)^2}$

BANK

7	of	24	f	102	w
16	as	-8	use	$-\frac{93}{4}$	k
-77	ull	-468	it	$\frac{1}{3}$	ni
100	be	$-\frac{211}{9}$	ghts	-3	ca

WHY WERE THE MIDDLE AGES SO DARK?

Write the words or letters in the correct spaces. In some cases letters will be combined to build words (ex. 3-4-5 will combine the letters).

 1-2-3_____
 4_____
 5-6_____
 7-8_____
 9_____
 10-11-12