

Whole Numbers: Order of Operations

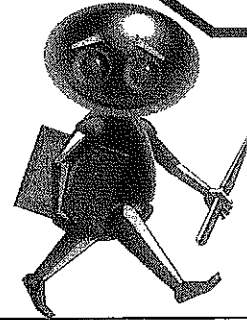
Evaluate each expression. Remember to use the correct order of operations.

Order of operations:

1. Work inside the parentheses first.
2. Evaluate exponents.
3. Next, multiply and divide, in order from left to right.
4. Last, add and subtract, in order from left to right.

MATH FACTS

The Egyptians used a version of modern mathematics, called hieroglyphic numeration, to build the Great Pyramids and to chart the stars!



$$\begin{aligned} (13 - 3^2) \times 4 &= \\ (13 - 9) \times 4 &= \\ 4 \times 4 &= 16 \end{aligned}$$

1. $(24 - 6) \times 2$

2. $24 \div 6 \times 2$

3. $24 \div (6 \times 2)$

4. $24 \times 6 - 2$

5. $24 - 6 \times 2$

6. $24 - 6 + 2$

7. $(5 + 2) \times 4 + 3$

8. $5 + 2 \times (4 + 3)$

9. $(5 + 2) \times (4 + 3)$

10. $5 + 2 \times 4 + 3$

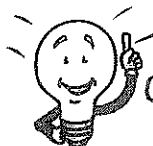
11. $(5^2 - 5) \times 5 \div 25$

12. $(27 \div 3^2) \times 7$

13. $9 + 4^2 - 2$

14. $17 - (10 - 7)$

15. $(17 - 10) - 7$



Think About It!

16. Use any combination of addition, subtraction, multiplication, or division signs in the blanks to make the statement true.

$$15 \quad _ \quad 3 \quad _ \quad 17 \quad _ \quad 11 = 205$$