

INTEGRIO - Order of Operations with Integers

1. Fill in the nine boxes with 9 of the integer answers below.
2. As you put each number in the box, cross it off below.
3. Fifteen of these answers will be for the questions.
4. Do each question neatly and carefully in your notes.
5. Each time you finish a question, circle the answer in the box or circle it below.
6. If your answer doesn't match then look for any mistakes you might have made.
7. When you have finished all the questions you will win a prize if you have created a cross, an X or a circle around the center.
8. You will get a double prize if the whole card is filled out.

ANSWERS: +9 +4 -1 -3 +46 -18 -90 -46 +3 -4
 0 +20 -20 +90 +6 -9 +18 -6 +2 +1

QUESTIONS:

1. $[(-10) + (-2)] \div (+6) - (+4)$

2. $\frac{35-81}{27-4} - \frac{(-5)(3-10)}{8-15}$

3. $(-3+4)(8-10) - (7-9)(4-1)$

4. $\frac{-4(-5+3) + 2(-1+5)}{-6+2}$

5. $\frac{5(-3-4) - (-6)(13-6)}{-1(11-4)}$

6. $-\left(\frac{-18}{6}\right) + \frac{(-24)}{8} - \frac{(-99)}{(-11)}$

7. $(7-5-8)(-6+9-1) \div (8-10+6)$

8. $3[-9(-2-3) - 3(4+1)]$

9. $(-36) - 13 - 49 \div 7 - 6(-5) \div 3$

10. $4 - 4(2-1) \div 2 - 3(-6) \div (-9) + 6$

11. $\frac{5(-3-4) - (-2-1)(+3)}{-(15-2)}$

12. $\frac{0[-5+7(3-4)]}{-1(2-4)(4-5)}$

13. $5(-4) - [3[(-6) + (-9)] - 4] - 11$

14. $(-1)^4 + (-2)^3 - (-3)^2 + (-4)$

15. $\frac{3(-2-6) \div (+4) + (-5)}{(-3)^3 + (-2)^4}$

If you are missing one square to win a prize you can change it to the bonus integer. The bonus integer is the sum of all the answers that are not circled – it must be correct!