

# Order of Operations

NAME \_\_\_\_\_

There is a certain order in which operations must be performed when evaluating expressions. The order of operations is...

- Parentheses (or other grouping symbols)
- Exponents
- Multiplication or Division (from left to right)
- Addition or Subtraction (from left to right)

Solve the following Krypto challenges. Explain your solution to a partner, and then record your solution below the challenge. Be sure to use the order of operations when writing your expressions. Use parentheses or other grouping symbols to make sure that your expression is correct!

1. Cards: 1, 2, 4, 5, 6  
Target Number: 7

\_\_\_\_\_ = **7**

6. Cards: 2, 4, 5, 8, 16  
Target Number: 10

\_\_\_\_\_ = **10**

2. Cards: 1, 3, 7, 12, 20  
Target Number: 12

\_\_\_\_\_ = **12**

7. Cards: 3, 3, 4, 12, 21  
Target Number: 7

\_\_\_\_\_ = **7**

3. Cards: 2, 3, 6, 9, 17  
Target Number: 17

\_\_\_\_\_ = **17**

8. Cards: 2, 11, 15, 17, 24  
Target Number: 8

\_\_\_\_\_ = **8**

4. Cards: 2, 4, 9, 11, 22  
Target Number: 11

\_\_\_\_\_ = **11**

9. Cards: 4, 7, 11, 15, 19  
Target Number: 17

\_\_\_\_\_ = **17**

5. Cards: 2, 6, 7, 17, 21  
Target Number: 14

\_\_\_\_\_ = **14**

10. Cards: 3, 11, 18, 23, 25  
Target Number: 19

\_\_\_\_\_ = **19**