CREST

Olympiads

#CRESTInnovator

CREST Mathematics Olympiad (CMO)
Worksheet *for*

Class 4

Worksheet on Computation Operations

1. **Evaluate: {2 × 42 ÷ 3 × 5} + 16**

   a. 136
   b. 146
   c. 156
   d. 166

2. **Simplify the expression: 19 − 4 + 8 × 6 ÷ 3**

   a. 13
   b. 26
   c. 30
   d. 31

3. **If the cost of 25 jackets is $4000, what will be the cost of 8 jackets?**

   a. $1080
   b. $1180
   c. $1280
   d. $1380

4. **The total number of students in each section is 45. There are six sections. What is the total number of boys if the total number of girls is 142?**

   a. 108
   b. 118
   c. 128
   d. 138

5. **The price of three dozen eggs is $72. If six eggs are rotten, what is the price of healthy eggs?**

    a. $30
    b. $45
    c. $60
    d. $90

Answer Key

1. c - 156

    Explanation: Use BODMAS rule,
    {2 × 42 ÷ 3 × 5} + 16
    = {2 × (42 ÷ 3) × 5} + 16
    = {2 × 14 × 5} + 16
    = 140 + 16
    = 156

2. d - 31

    Explanation: Use BODMAS rule,
    19 − 4 + 8 × 6 ÷ 3
    = 19 − 4 + 8 × (6 ÷ 3)
    = 19 − 4 + 8 × (2)
    = 19 − 4 + 16
    = 19 + 16 − 4
    = 35 − 4
    = 31

3. c - $1280

    Explanation: Cost of 25 jackets = $4000
    Cost of 1 jacket = $(4000 ÷ 25)
    Cost of 8 jackets = (4000 ÷ 25) × 8 [Using BODMAS rule]
    = 160 × 8
    = $1280

4. c - 128

    Explanation: Total number of students in all the sections = 45 × 6
    Total number of girls = 142
    Total number of boys = (45 × 6) − 142 [Using BODMAS rule]
    = 270 − 142
    = 128

5. c - $60

Explanation: 1 dozen = 12
3 dozen = 3 × 12
Price of three dozen (3 × 12) eggs = $72
Price of 1 egg = ${72 ÷ (3 × 12)}
Number of rotten eggs = 6
Number of healthy eggs = 36 − 6 = 30
Price of 30 eggs = {72 ÷ (3 × 12)} x 30 [Using BODMAS rule]
= {72 ÷ (36)} x 30
= (2 × 30)
= $60

OR

3 dozen = 3 × 12 eggs
Price of three dozen (36) eggs = $72
Price of 1 egg = $(72 ÷ 36) = $2
Number of rotten eggs = 6
Number of healthy eggs = 36 − 6 = 30 eggs
Price of 30 eggs = 2 × 30 = $60

More Questions Coming Soon – Keep Learning!

Difference between Ordinary & Extra-Ordinary is that "Little Extra"

Discover Our Ultimate Prep Kits!

Buy Previous Years Papers

1. Login at www.crestolympiads.com/login
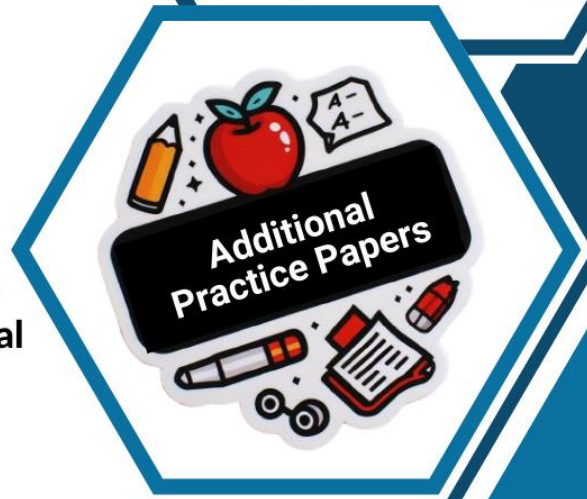2. Go to Dashboard -> Additional Practice -> Buy

Buy Physical & Digital Workbooks at

https://www.crestolympiads.com/olympiad-books

Buy Additional Practice

1. Login at www.crestolympiads.com/login
2. After login, go to Dashboard -> Additional Practice -> Buy