

23. Use the following to determine what happens in the arithmetic calculation:

```
float n1 = 5.0, n2 = 10.0;  
int total;  
total = n1 / n2;
```

total will print out:

- ☒ A. 0
- B. 0.5
- ☐ C. 1.0 (rounds up)
- D. NONE of the above are correct

24. Which of the following is (are) a correct C++ statement(s)?

- ☒ A. float n1, n2 = 3.44, n3 = 5;
- ☐ B. char c1 = 'A', c2 = 'b1', d = 'cat';
- ☐ C. int m1 = 10, m2 = -8.55;
- ☐ D. cin << c ;
n1 = c * 10 - n2;
cout >> n1;
c = n1 / 4.5;
cout >> c;

E. ALL of the above are correct.

☒ F. NONE of the above is correct

25. What is the **correct** arithmetic operations hierarchy in C++? (Leftmost is top priority to Rightmost performed last priority)

- ☒ A. 1) %, *, / (mod, multiplication or division)
2) +, - (addition or subtraction)
- B. 1) +, - (addition or subtraction)
2) %, *, / (mod, multiplication or division)
- C. 1) *, / (multiplication or division)
2) +, - (addition or subtraction)
3) () (parentheses)
- D. 1) *, / (multiplication or division)
2) +, - (addition or subtraction)
3) % (mod)

☒ E. NONE of the above is the correct arithmetic hierarchy.