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Chapter 1 Questions

1. A. False B. False C. False D. True E. True F. True

G. True H. False I. True J. False

1. A, D, E, F, J
2. B, D, E
3. A. 3 B. 5 C. 1 D. -2 E. 4 F. -2.0 G. 12 H. 16.0
4. A. 3 B. not integer C. not integer D. 38.5 E. 1 F. 2 G. 2 H. 420.0
5. C++ is a high-level language.

Enter the distance traveled:

The difference of 7 and 3 =

1. This is Exercise 7.

In C++, the multiplication symbol is \* .

2 + 3 \* 5 = 17

1. A. VALID B. VALID C. VALID D. VALID E. NOT INTEGER

F. VALID G. VALID H. NOT INTEGER I. VALID J. NOT VALID

K. VALID

1. 7
2. int n = 12 correct int one = 5 correct
3. A, C
4. int x = 25;

int y = 18;

1. int temp = 10;

char ch = ‘A’;

1. int x = x + 5;
2. double payRate = 12.50;
3. int firstNum = 12;

int tempNum = firstNum;

1. int w = x;

int x = y;

int y = w;

1. cout << x << y << “x + 12 / y – 18 = “ << x + 12 / y – 18 << endl;
2. char grade = ‘A’;
3. static\_cast<int> = double;
4. double z = static\_cast<int> x
5. A. -10 \* a B. bs C. (b \* b – 4 \* a \* c) / (2 \* a) D. (-b + (b \* b – 4 \* a \* c)) / (2 \* a)
6. x = 5 y = 2 z = 3 w = 9
7. x = 20 y = 15 z = 6 w = 11.5 t = 4.5
9. x = 2, y = 5, z = 6
10. x + y = 7
11. Sum of 2 and 6 is 8
12. z / x = 3
13. 2 times 2 = 4
15. 0.50
16. 24.50
17. 37.6
18. 8.3
19. 10
20. 38.75
21. firstName discountPrice juiceAmount milesTraveled highScore
22. cout << endl;

cout << “\t”;

cout << “\””;

1. a, c
3. int num1 int num2
4. cout << “Insert two numbers separated by spaces.” << endl;
5. cin >> num1 >> num2;
6. cout << “num1 = “ << num1 << “num2 = “ << num2 << \n “2 \* “ << num1 << “ – “ << num2 << “ = “ << 2 \* num1 – num2 << endl;
8. #include <iostream>

using namespace std;

const int SECRET\_NUM = 11213;

const PAY\_RATE = 18.35

int main ()

1. #include <iostream>

using namespace std;

const char STAR = ‘\*’;

const int PRIME = 71;

int main ()