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2.7

a. Comments

b. Contitional Statement i.e. if…else… or switch…case…

c. assignment

d. modulus and devision

e. innermost

f. variable

2.8

a. System.out.print(“Enter an Integer”);

b. int a = b\*c;

c. //This Program performs a Sample Payroll

/\*calculation\*/

2.9

a. false- it is left to right within the groups of order of operations. So innermost to outermost parenthesis from left to right, exponents from left to right, then left to right for all multiplication devision and modulus, then left to right for all addiction subtraction

b. true

c. as long as its in order of the groups (see part a)

d. false they start with #s

2.10

a. x=2

b. value of 2+2 is 4

c. x=

d 5=5

2.11

a. p is modified

b. no variables

c no variables

d value modified

2.12 A and E are correct

2.13

a. 3 \* 6 = 18 /2 = 9 + 7 = 16 – 1 = **15**

b. 2 % 2 = 0 2 \* 2 = 4 2 / 2 = 1 4 – 1 = **3**

c. 9 \* 3 = 27 / 3 = 9 + 3 = 12 3 \* 9 = 27 \* 12 = 324

2.14

System.out.printf(“%d ”, 1);

System.out.print(“2 “);

System.out.print(“3 “);

System.out.print(“ “);

System.out.print(”4“);

System.out.println(“ “);