3.

double commission;

if (sales < 10000)

{

commission = .10;

}

else if ((sales >= 10000) && (sales < 15000))

{

commission = .15;

}

else

{

commission = .20;

}

6.

if ((0 <= grade) && (grade <= 100)

{

System.out.print("The number is valid.");

}

7.

if ((-50 <= temperature) && (temperature <= 150)

{

System.out.print("The number is valid.");

}

10.

switch (choice)

{

case 1:

System.out.println("You selected 1.");

break;

case 2:

System.out.println("You selected 2 or 3.");

break;

case 3:

System.out.println("You selected 2 or 3.");

break;

case 4:

System.out.println("You selected 4.");

break;

default:

System.out.println("Select again please.");

}

11. c, a, b