```java
/**
 * Checks if two numbers are divisors of each other
 *
 * @author      biech153 (Biersbach Chris) / gamca174 (Gamboa Carlos) / olial319 (Olinger Alex)
 * @version     14/02/2019 7:00:50
 * Classe:      3GIG
 */
public class Divisor
{
     private int aNumber;
     private int anotherNumber;

     public Divisor(int pFirst, int pSecond)
     {
          setNumbers(pFirst,pSecond);
     }

     public void setNumbers(int pFirst, int pSecond)
     {
          if (pFirst < pSecond)
          {
               anotherNumber = pFirst;
               aNumber = pSecond;
          }
          else
          {
               anotherNumber = pSecond;
               aNumber = pFirst;
          }
     }

     public void printDivisor()
     {
          System.out.println("Les deux nombres sont "+aNumber +" et " +anotherNumber);

          if ((aNumber <= 0) || (anotherNumber <= 0))
          {
               System.out.println("Erreur: les nombres doivent être strictement positifs");
          }
          else
          {
               if (aNumber == anotherNumber)
               {
                    System.out.println("Erreur: les nombres doivent être différents");
               }
               else
               {
                    if (aNumber % anotherNumber == 0)
                    {
                         int division = aNumber/anotherNumber;
                         System.out.println(anotherNumber+" est un diviseur de "+aNumber+", car "+anotherNumber+"*"+division+" = "+aNumber);
                    }
                    else
                    {
                         System.out.println(anotherNumber+" n'est pas un diviseur de "+aNumber);
                    }
               }
          }
          System.out.println();
     }
}
```

```java
/**
 * This class tests some possibilities
 *
 * @author      biech153 (Biersbach Chris) / gamca174 (Gamboa Carlos) / olial319 (Olinger Alex)
 * @version     14/02/2019 7:00:50
 * Classe:      3GIG
 */
public class TestDivisor
{
    public static void main(String[] args) {
          int a = -7;
          int b = -5;
          Divisor aDivisor = new Divisor(a, b);
          aDivisor.printDivisor();
          a = -13;
          b = 11;
          aDivisor.setNumbers(a, b);
          aDivisor.printDivisor();
          a = 13;
          b = 11;
          aDivisor.setNumbers(a, b);
          aDivisor.printDivisor();
          a = 15;
          b = 15;
          aDivisor.setNumbers(a, b);
          aDivisor.printDivisor();
          a = 17;
          b = 0;
          aDivisor.setNumbers(a, b);
          aDivisor.printDivisor();
          a = 17;
          b = 34;
          aDivisor.setNumbers(a, b);
          aDivisor.printDivisor();
          a = 34;
          b = 17;
          aDivisor.setNumbers(a, b);
          aDivisor.printDivisor();
          a = 105;
          b = 5;
          aDivisor.setNumbers(a, b);
          aDivisor.printDivisor();
    }
}
```