```java
public static List<Integer> sort(int a, int b, int c, int d) {
    if (a > b) {
        int temp = b;
        b = a;
        a = temp;
    }

    if (c > d) {
        int temp = d;
        d = c;
        c = temp;
    }

    if (a > c) {
        int temp = c;
        c = a;
        a = temp;
    }

    if (b > d) {
        int temp = d;
        d = b;
        b = temp;
    }

    if (b > c) {
        int temp = c;
        c = b;
        b = temp;
    }


    return Arrays.asList(a, b, c, d);
}
```