



Name: \_\_\_\_\_

Period: \_\_\_\_\_

Date: \_\_\_\_\_

foo(b,vowels)=

|    | SETUP                                       | 1                                  | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|----|---|------------------------------------|---|---|---|---|---|---|---|---|----|----|----|
| 08 | public static int foo(String x, String y) { | x="Where am I?", y="aeiou"         |   |   |   |   |   |   |   |   |    |    |    |
| 09 | int cnt=0;                                  | cnt=0                              |   |   |   |   |   |   |   |   |    |    |    |
| 10 | for (int i=0; i<x.length(); i++) {          | i=0; i<11; i++                     |   |   |   |   |   |   |   |   |    |    |    |
| 11 | String z=x.substring(i, i+1);               | z="Where am I?".substring(i, i+1); |   |   |   |   |   |   |   |   |    |    |    |
| 12 | if (y.indexOf(z)!=-1) {                     | "aeiou".indexOf(z)                 |   |   |   |   |   |   |   |   |    |    |    |
| 13 | cnt++;                                      | cnt++                              |   |   |   |   |   |   |   |   |    |    |    |
| 14 | }   |                                    |   |   |   |   |   |   |   |   |    |    |    |
| 15 | }   |                                    |   |   |   |   |   |   |   |   |    |    |    |
| 16 | return cnt;                                 |                                    |   |   |   |   |   |   |   |   |    |    |    |
| 17 | }   |                                    |   |   |   |   |   |   |   |   |    |    |    |

foo(c,nums+vowels)=

|    | SETUP                                       | 1                               | 2 | 3 | 4 | 5 | 6 | 7 |
|----|---|---------------------------------|---|---|---|---|---|---|
| 08 | public static int foo(String x, String y) { | x="123abc", y="0123456789aeiou" |   |   |   |   |   |   |
| 09 | int cnt=0;                                  | cnt=0                           |   |   |   |   |   |   |
| 10 | for (int i=0; i<x.length(); i++) {          | i=0; i<6; i++                   |   |   |   |   |   |   |
| 11 | String z=x.substring(i, i+1);               | z="123abc".substring(i, i+1);   |   |   |   |   |   |   |
| 12 | if (y.indexOf(z)!=-1) {                     | "0123456789aeiou".indexOf(z)    |   |   |   |   |   |   |
| 13 | cnt++;                                      | cnt++                           |   |   |   |   |   |   |
| 14 | }   |                                 |   |   |   |   |   |   |
| 15 | }   |                                 |   |   |   |   |   |   |
| 16 | return cnt;                                 |                                 |   |   |   |   |   |   |
| 17 | }   |                                 |   |   |   |   |   |   |