# TEST 6

The program below is a sequence of quadruples numbered 1-6. Quadruples 2, 4, and 5 contain expressions.

Show which expressions are available at the beginning and end of each quadruple in the program, given that there are no expressions available at the beginning. Write the available expression(s) in each empty cell below.

| in(s) | s | out(s) |
|---|---|---|
|  | 1:  x = 1 |  |
|  | 2:  y = x+1 |  |
|  | 3:  if (condition) goto 5 |  |
|  | 4:  y = x*2 |  |
|  | 5:  x = x+1 |  |
|  | 6:  write(y) |  |