

Practice Quiz #3 - Answer Key

1. True. While loops are the most general loops we've covered.
2. Event-controlled loop
3. True
4. Something like this:

```
for (i = 1; i <=10; i++) {  
    for (j = 1; j<=10; j++) {  
        printf("*");  
    }  
    printf ("\n");  
}
```

5. forgetting to modify the value of the loop control variable in the loop
6. False. You know this one by now. :-)
7. It's a command to the pre-processor that brings in the library that lets the computer interact with input/output devices like the keyboard, screen and mouse
8. $w = 9$, $x = -22$, $y = 28$ and $z = 1$.
9. Something like this:

```
for (i =1; i<=10; i++){  
    printf("%5d", i);  
}
```

10. Do-while loop
11. "That's an acceptable grade"
12. True. The test for the first if statement is false, and there is no "else" associated with that "if."
13. 1 2 4 5 7 8
14. False. That describes the "for" loop, not the "while" loop.

15. "for" loop

16. Bool

17. 5

18. 0.5000

19. True

20. Two keystrokes. There is no other difference