

Pop-Quiz One: Introduction to Programming in Perl

Complete the following exercises in groups of two.

*Consider the Perl script below and answer the questions below with the most appropriate answers. Assume the script is saved in a file called **pop_quiz.pl** and assume a user enters **178.9** in response to the command prompt on line 8.*

```
1. #!/bin/perl -w
2. # Jim Smith
3. # 01/29/08
4. # $0 -check the material from Chapter 2

5. print "This is a test\n";
6. $var = 5;
7. print $var . "\n";

8. print "Please, enter an integer: ";
9. $number = <STDIN>;

10. chomp($number);
11. $result = $number % $var;
12. $new = $result = 0;

13. if ("August" lt "august")
14. {
15.     print "August\n";
16. }

17. if ("101" lt "2")
18. {
19.     print "101\n";
20. }

21. print "*" x 5 . "\n";

22. print "The value of $var is: " . $var . "\n";
23. print 'The value of $var is: ' . $var . '\n';

24. exit 0;
```

Pop-Quiz One: Introduction to Programming in Perl

Student Name: _____

Student Name: _____

1. The `#!` construct is called the _____ construct and its purpose is to _____.
2. The lines that begin with `#` are called _____.
3. Function `print` is a _____ function.
4. The sequence of characters enclosed in quotes is called a(n) _____.
5. The `"\n"` is called a(n) _____.
6. The _____ will compile and execute `pop_quiz.pl`
7. The `$` (dollar sign) in `$var` is called a(n) _____ and it specifies that `$var` is a(n) _____.
8. The purpose of `<STDIN>` is to _____.
9. The _____ is the exponentiation operator in Perl.
10. The `x` operator is called _____ and the `.` (dot) operator is called _____.
11. What is the value stored in `$number` on line 9?
12. What is the value stored in `$number` on line 10?
13. What is the value stored in `$result` on line 11?
14. What is stored in `$new` on line 12?
15. What is stored in `$result` on line 12?
16. What is printed on line 15?
17. What is printed on line 19?
18. What is printed on line 21?
19. What is printed on line 22?
20. What is printed on line 23?