

QUIZ!

Use a full sheet of 8½x11" paper. (Half sheet? Half credit!)

Put only your last name in the far upper left hand corner of the paper, where a staple would hit it. (It's OK to write **BIG**, just start in the corner!)

*Mitchell*

**AVOID A ½-POINT DEDUCTION!**

Numbering responses may help you avoid overlooking a question; it's ok to go ahead and pre-number your sheet.

Feel free to abbreviate.

5 questions; 3 minutes; 2½ points.

## Quiz 10, March 24, 2015

3 minutes; ½ point each; 2½ points total

1. What value is produced by the following? `"abc" =~ /b/`
2. Roughly, what does `show_match("abc", /b/)` produce?
3. Write an RE that matches two digits separated by any two characters, like these: `9xy9`, `7++3`, `7534`
4. Write an RE that matches one or more 'a's followed by zero or more 'b's, followed by two 'c's.
5. What are the shortest and longest strings matched by the following RE? `[A-Z]?[0-9]`

EC ½ point: Write an RE that matches an 'a' followed by any one character that is not a 'b', followed by a 'c'. Examples: `axc`, `a9c`

## Solutions

1. *What value is produced by the following? "abc" =~ /b/*

```
>> "abc" =~ /b/
```

```
=> 1
```

2. *Roughly, what does show\_match("abc", /b/) produce?*

```
>> show_match("abc", /b/)
```

```
=> "a<<b>>c"
```

3. *Write an RE that matches two digits separated by any two characters, like these: 9xy9, 7++3, 7534*

```
^\d..\d/ or /[0-9]..[0-9]/
```

4. *Write an RE that matches one or more 'a's followed by zero or more 'b's, followed by two 'c's. /a+b\*cc/*

5. *What are the shortest and longest strings matched by the following RE? [A-Z]?[0-9] One or two characters.*

EC ½ point: /a[<sup>^</sup>b]c/