VIM Cheat Sheet

1 Movement

```
  k
h   l
  j
```

w / b = Word forward / backward
e = End of current word
) / (= Sentences forward / backward
} / { = Paragraphs forward / backward

2 Scrolling

`<C-E>` / `<C-Y>` = Scroll window down / up
zz = Scroll that cursor is in middle of screen
zt = Scroll that cursor is on top of the screen
zb = Scroll that cursor is on the bottom of the screen

3 Jumping with the cursor

`g;` / `g,` older / newer position in the changelist
`:jumps` `:changes` Jumplist, Changelist
`<C-O>` / `<C-I>` back / forward in Jumplist

4 The insert mode

`i` / `a` = Insert before / after cursor
`I` / `A` = Insert at beginning / end of line
`o` / `O` = Add and insert in line below / before
`r` / `R` = Replace char / Replace mode
`<C-O>` command = Quick command in insert mode
`<C-R>"` = Paste in insert mode

5 Help

`:help` command = Split screen help
Browse the help:
`CTRL-J` = Follow Link
`CTRL-T` or `CTRL-O` = Go back

6 File opening and editing

`:e filename` = Open Filename in new Buffer
`gf` = goto file, open file under cursor

7 Split screen

`:vs[plit]` = Vertical split
`:sp[lit]` = Horizontal split
`CTRL-W+hjkl` = change active viewport
`CTRL-W =` = same height/width of viewports

8 Buffers

`:buffers` = show list of buffers
`:bn` / `:bp` = next / previous buffer

9 Visual

v = Visual mode
V = Visual line
gv = reselect visual selection

10 Spell checking

`<F12>` = toggle spell checking
`]s` = next wrong word
`[s` = previous wrong word
zg = add good word to wordlist
zw = add wrong word to wordlist
z= = show suggestions

11 Copy & Paste

y = yank, visual select then press y
P = Paste before cursor
p = paste after cursor
`CTRL+<F11>` = toggle paste mode

12 Folding

zo / zc = Open / close fold
za = Toggle fold

13 Quickfix list

`:cl[ist]` = Quickfix list
`:cn` / `:cp` = Next / previous quickfix

14 Search & Replace

`/expr` = Search current file with expr forward
`?expr` = Search current file with expr backward
`n` / `N` = Move to next / previous match
`:vimgrep expr file` = Grep in Vim, uses Quickfix list for matches
`s/expr/rep/cgiI` = Substitute expr with rep
Options: Confirm, G=all in line, case (i=ignore, I=Don't ignore)
Backreferences: \0 whole match, \1 first group in \(\)
Character Classes:
. = any character except new line
\s \S = Whitespace character; non-whitespace char
\d \x \o = digit; hex digit; octal digit
\p \w = Printable char; word char
\a \l \u = Alphabetic char; lowercase char; uppercase char
Quantifiers:
* = 0 or more
\+ = 1 or more
\= = 0 or 1
\{n,m} \{n} \{,m} \{n,} = matches from n to m; exactly n, 0 to m, n or more