VIM Cheat Sheet

1 Movement

```
  k
h   l
  j
```

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

2 Scrolling

`CTRL-E` = Scroll window down
`CTRL-Y` = Scroll window 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 Inserting and replacing text

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

4 Help

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

5 File opening and editing

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

6 Split screen

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

7 Buffers

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

8 Visual

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

9 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

10 Copy & Paste

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

11 Folding

zo = Open fold
zc = Close fold
za = Toggle fold

12 Quickfix list

`:cl[ist]` = Quickfix list
`:cn` = Next Quickfix
`:cp` = Previous Quickfix

13 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/cgil` = Substitute expr with rep
Options: Confirm, G=all in line, i=ignore case, I=Don't ignore case
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