

Movement

h j k l	Left, down, up, right
^	Go to the beginning of the line
\$	Go to the end of the line
gg	Go to the first line
G	Go to the last line
:n	Go to line n

Replacing Text

r	Replace character
cw	Change word
cc	Change line
c{motion}	Change from cursor to {motion}

Copy/Paste

y{motion}	Yank {motion}
yy	Yank line
p	Paste after cursor
P	Paste before cursor

Searching

/ {pattern}	Forward search for {pattern}
? {pattern}	Reverse search for {pattern}
n	Repeat the last search
N	Repeat the last search in the opposite direction

Repeating Commands

{num}{command}	Repeat command {num} times
.	Repeat previous change

Find and Replace

:s/{old}/{new}/{options}	Substitute {new} for {old} on the current line
:%s/{old}/{new}/{options}	Substitute {new} for {old} in the entire document
The g option substitutes all occurrences on a line, otherwise just the first occurrence is changed per line.	

Inserting Text

i	Insert at cursor
I	Insert at the beginning of the line
a	Append after cursor
A	Append at the end of the line
o	Open a new line below the current line
O	Open a new line above the current line

Deleting Text

x	Delete character
dd	Delete line
dw	Delete word
d{motion}	Delete {motion}

Undo/Redo

u	Undo
Ctrl-r	Redo

Save and Quit

:w	Write (save)
:wq	Write and quit
:q	Quit
:q !	Force quit, don't save changes
:wq!	Force write and quit

Help

:help [topic/command]	Get help on topic or command.
vimtutor	Tutorial

Esc
normal
mode

vi / vim graphical cheat sheet

~ toggle case	! external filter	@ play macro	# prev ident	\$ eol	% goto match	^ "soft" bol	& repeat :s	* next ident	(begin sentence) end sentence	"soft" bol down	+ next line
\ goto mark	1	2	3	4	5	6	7	8	9	0 "hard" bol	- prev line	= auto ³ format
Q ex mode	W next WORD	E end WORD	R replace mode	T back 'till	Y yank line	U undo line	I insert at bol	O open above	P paste before	{ begin parag.	} end parag.	
q record macro	w next word	e end word	r replace char	t 'till	y yank ^{1,3}	u undo	i insert mode	o open below	p paste after ¹	[misc] misc	
A append at eol	S subst line	D delete to eol	F "back" find ch	G eof/ goto ln	H screen top	J join lines	K help	L screen bottom	: ex cmd line	" reg. spec ¹	bol/ goto col	
a append	s subst char	d delete ^{1,3}	f find char	g extra ⁶ cmds	h ←	j ↓	k ↑	l →	; repeat t/T/f/F	' goto mk. bol	\ not used!	
Z quit ⁴	X back-space	C change to eol	V visual lines	B prev WORD	N prev (find)	M screen mid'l	< un-indent ³	> indent ³	? find (rev.)			
Z extra ⁵ cmds	X delete char	c change ^{1,3}	V visual mode	b prev word	n next (find)	m set mark	, reverse t/T/f/F	. repeat cmd	/ find			

motion

moves the cursor, or defines the range for an operator

command

direct action command, if **red**, it enters insert mode

operator

requires a motion afterwards, operates between cursor & destination

extra

special functions, requires extra input

q.

commands with a dot need a char argument afterwards

bol = beginning of line, eol = end of line, mk = mark, yank = copy

words: quux(foo, bar, baz);

WORDS: quux(foo, bar, baz);

Main command line commands ('ex'):

:w (save), :q (quit), :q! (quit w/o saving)
:e f (open file f),
:%s/x/y/g (replace 'x' by 'y' filewide),
:h (help in vim), :new (new file in vim),

Other important commands:

CTRL-R: redo (vim),
CTRL-F/-B: page up/down,
CTRL-E/-Y: scroll line up/down,
CTRL-V: block-visual mode (vim only)

Visual mode:

Move around and type operator to act on selected region (vim only)

Notes:

- (1) use "x before a yank/paste/del command to use that register ('clipboard') (x=a..z,*) (e.g.: "ay\$ to copy rest of line to reg 'a')
- (2) type in a number before any action to repeat it that number of times (e.g.: 2p, d2w, 5i, d4j)
- (3) duplicate operator to act on current line (dd = delete line, >> = indent line)
- (4) ZZ to save & quit, ZQ to quit w/o saving
- (5) zt: scroll cursor to top, zb: bottom, zz: center
- (6) gg: top of file (vim only), gf: open file under cursor (vim only)

