every Linux networking tool I know

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ping
"are these computers even connected?"

curl
make any HTTP request you want

httpie
like curl but easier ("http get")

wget
download files

tc
on a linux router: slow down your brother's internet (and much more)

dig/nslookup
what's the IP for that domain? (DNS query)

whois
is this domain registered?

ssh
secure shell ♥

scp
copy files over a SSH connection

rsync
copy only changed files (works over SSH)

ngrep
grep for your network

tcpdump
"show me all packets on port 80!"

wireshark
look at those packets in a GUI

tshark
command line super powerful packet analysis

tcpflow
capture & assemble TCP streams

ifconfig
"what's my IP address?"

route
view & change the route table

ip
replaces ifconfig, route, and more!

arp
see your ARP table

mitmproxy
spy on SSL connections your programs are making

nmap
in ur network scanning ur ports

zenmap
GUI for nmap

p0f
identify OS of hosts connecting to you

openvpn
a VPN

wireguard
a newer VPN

nc
netcat! make TCP connections manually

socat
proxy a TCP socket to a unix domain socket + LOTS MORE

telnet
like ssh but insecure.

ftp/sftp
copy files. sftp does it over SSH.

netstat/ss/lsof/fuser
"what ports are servers using?"

iptables
set up firewalls and NAT!

nftables
new version of iptables

hping3
construct any TCP packet you want

traceroute/mtr
what servers are on the way to that server?

tcptraceroute
use tcp packets instead of icmp to traceroute

ethtool
manage physical Ethernet connections + network cards

iw/iwconfig
manage wireless network settings (see speed/frequency!)

sysctl
configure Linux kernel's network stack

openssl
do literally anything with SSL certificates

stunnel
make a SSL proxy for an insecure server

iptraf/nethogs/iftop/ntop
see what's using bandwidth

ab/nload/iperf
benchmarking tools

python3 -m http.server
serve files from a directory

ipcalc
easily see what 13.21.2.3/25 means

nsenter
enter a container process's network namespace