ans1:

file data

- rw-r--r-- data

ans2:

file data

- rw-r---- data

ans3:

- r--rw---- prog1

ans4:

file data

- rw-rw--w- data

ans5:

chmod a-rwx dir1

ans6:

chmod 710 data

ans7;

chmod a-w *.c

ans8:

umask u+rw filename umask u+x dirname

and9:

umask u+rw,g+r filename umask 067 dirname

ans10:

touch test

ans11:

sudo rm *.c