Example

The download folder contains 3 files cap1, drop and shell

Type the commands to achieve the following

1. Add execute permission for user file: cap1 ………………
   `chmod U+x` cap1 ...
2. Delete permission write for group file: drop ………………
   `chmod g-W` drop ...
3. Add read permission for users, groups and others file:
   shell `chmod ugo+r` shell

File permissions cont.

Absolute mode:

We use octal (base eight) values represented like this:

Letter	Permission	Value
R	read	4
W	write	2
X	execute	1
-	none	0

For each column, User, Group or Other you can set values from 0 to 7. Here is what each means:

0= `---`   1= `--x`   2= `-w-`   3= `-wx`

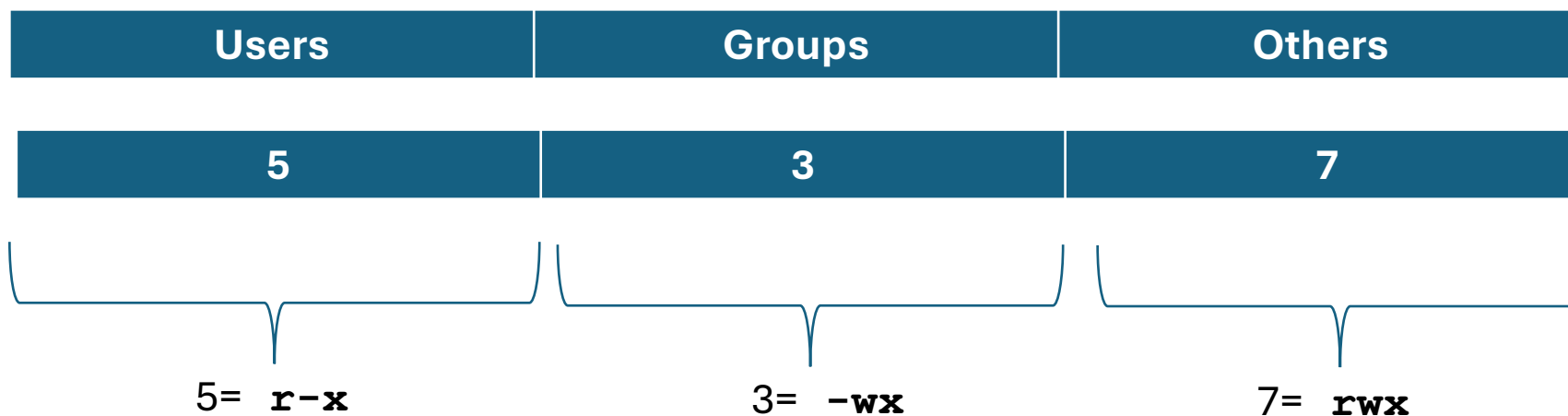4= `r--`   5= `r-x`   6= `rw-`   7= `rwx`

0= `---`   1= `--x`   2= `-w-`   3= `-wx`

4= `r--`   5= `r-x`   6= `rw-`   7= `rwx`

Users	Groups	Others
5	3	7

5= `r-x`   3= `-wx`   7= `rwx`

File permissions cont.

Numeric mode cont:

Example index.html file with typical permission values:

```
$ chmod 755 index.html
$ ls -l index.html
-rwxr-xr-x  1 root  wheel  0 May 24 06:20 index.html


$ chmod 644 index.html
$ ls -l index.html
-rw-r--r--  1 root  wheel  0 May 24 06:20 index.html
```

Example

The download folder contains file cap1

Type the commands (symbolic mode) to achieve the following

1. Add execute permission for user file: cap1 ....
2. Add write permission for others file: cap1 ....
3. Delete permission write, execute for group file: cap1 ....
4. Add read permission for users, groups and others file: cap1

....