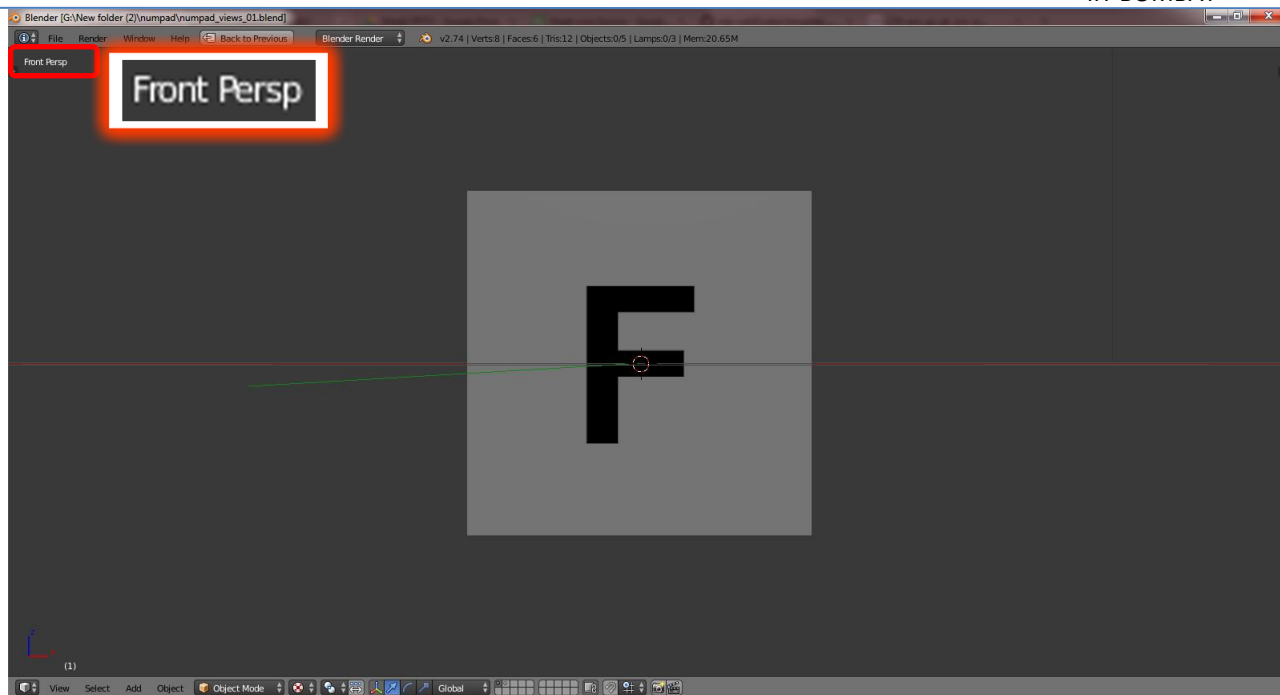# Numpad shortcuts

Dr. Sameer Sahasrabudhe

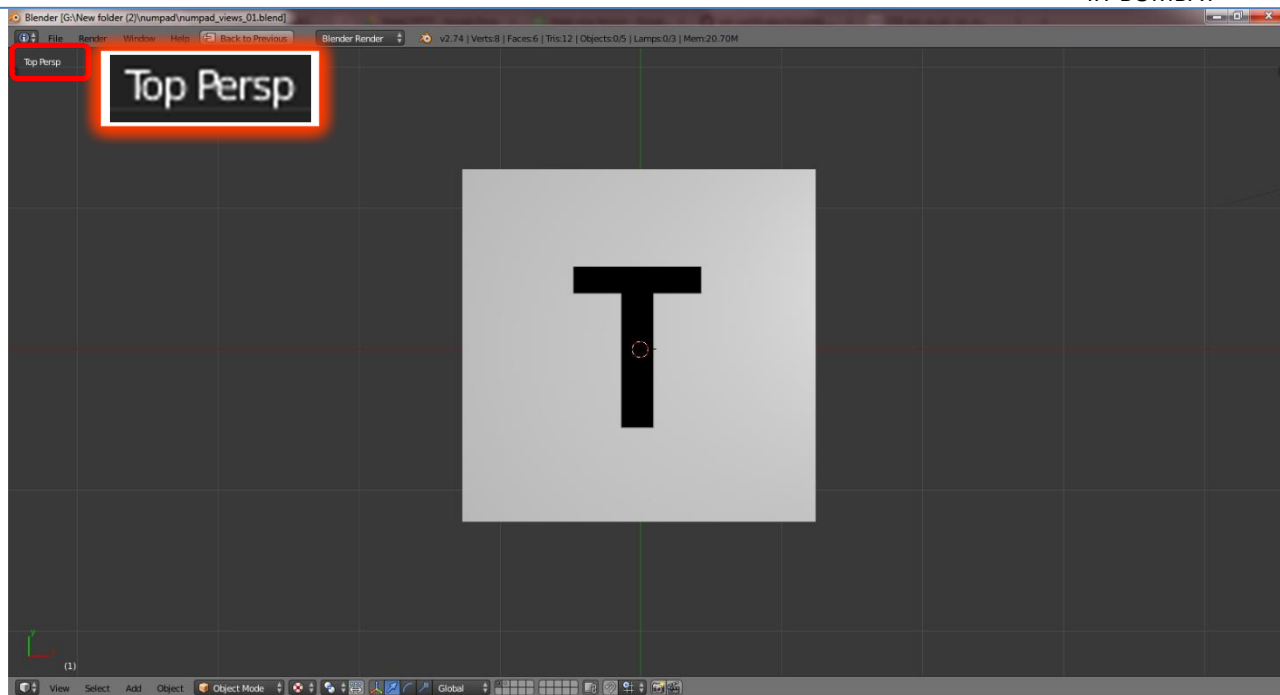Nitin Ayer and Sneha Sanglikar

IIT Bombay

Tip

- The window which has the cursor over it, is the active window.
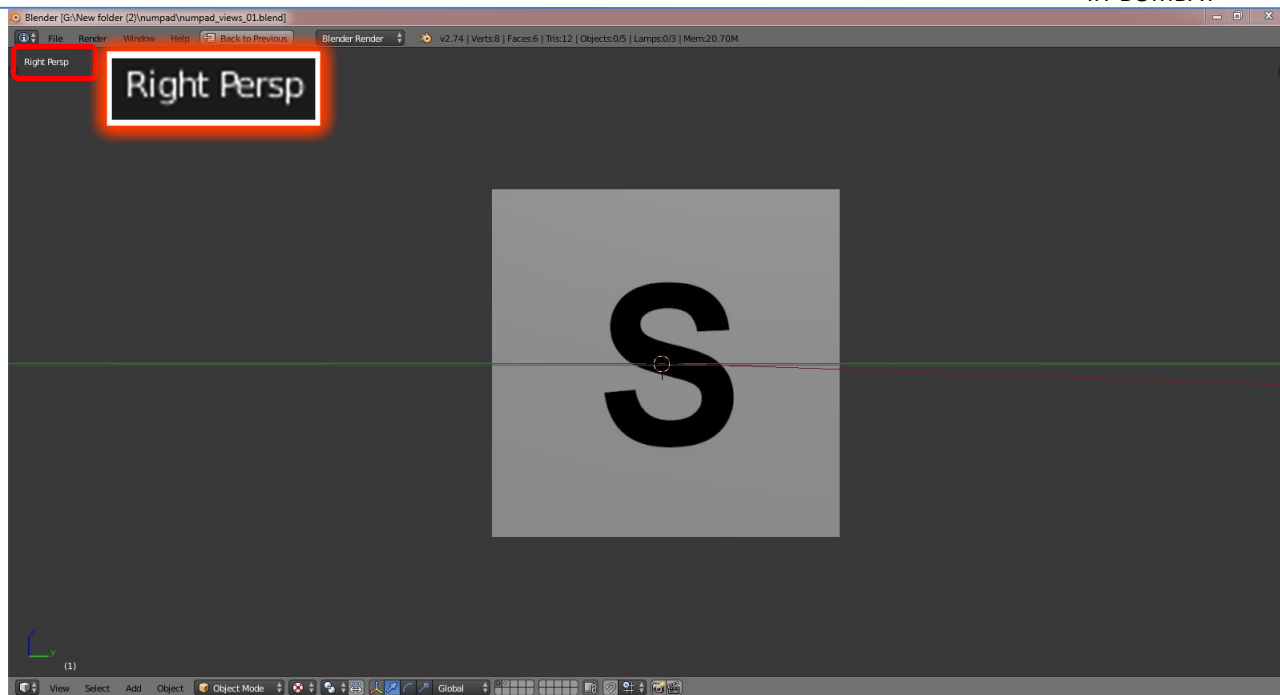- Numpad shortcuts are applicable only for 3D view window.

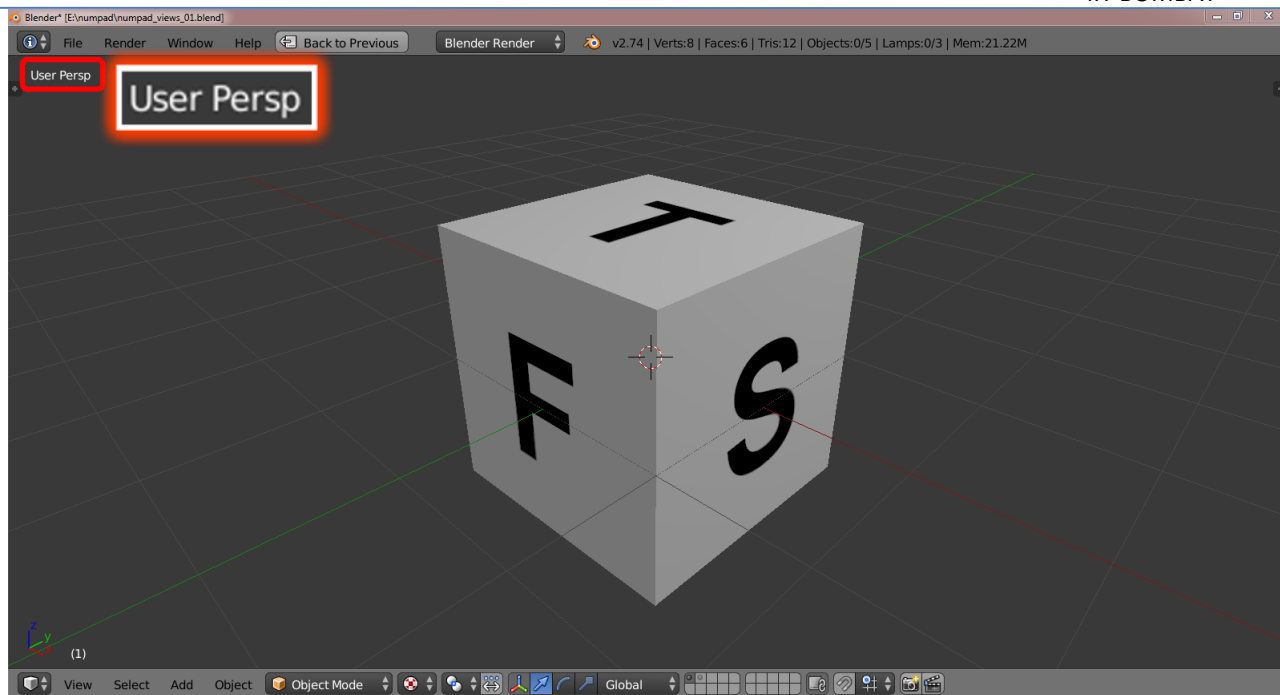# Numpad shortcuts

Front view

Numpad shortcuts

Top view

Numpad shortcuts

Side view

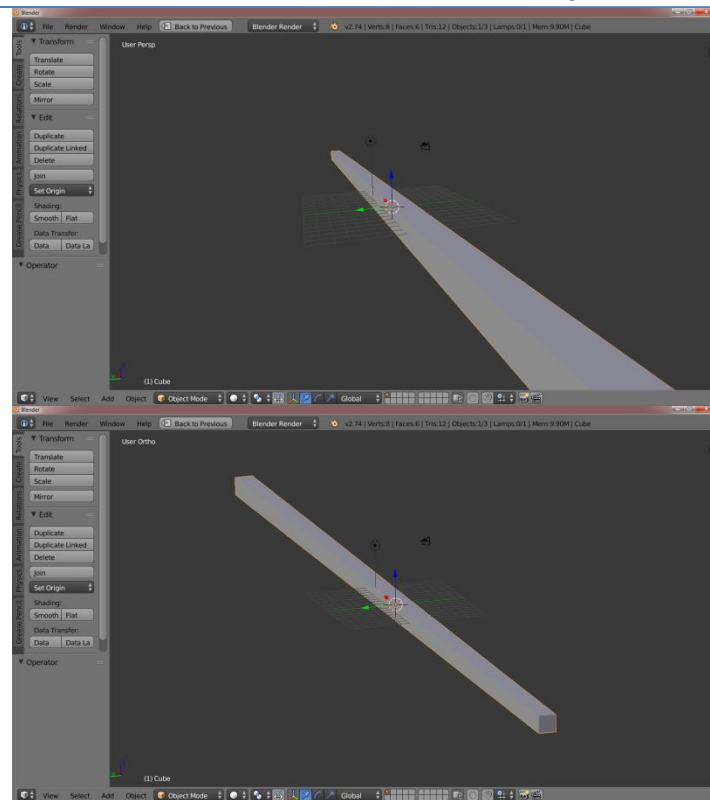# Numpad shortcuts

Perspective / Orthographic

Numpad shortcuts

Perspective / Orthographic

Perspective / Orthographic

- When the human eye views a scene, objects in the distance appear smaller than objects close by - this is known as perspective.

- While orthographic projection ignores this effect to allow accurate measurements, perspective projection shows distant objects as smaller to provide additional realism.

- Orthographic projection allows the creation of to-scale drawings for construction and engineering.
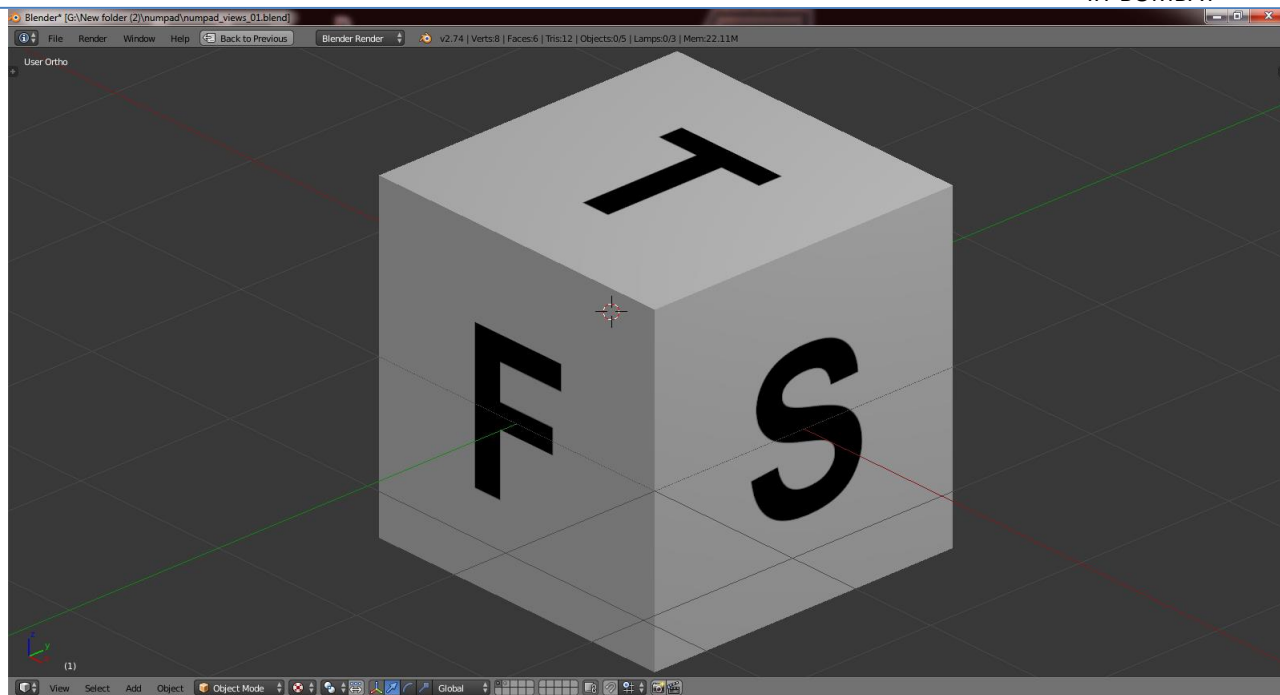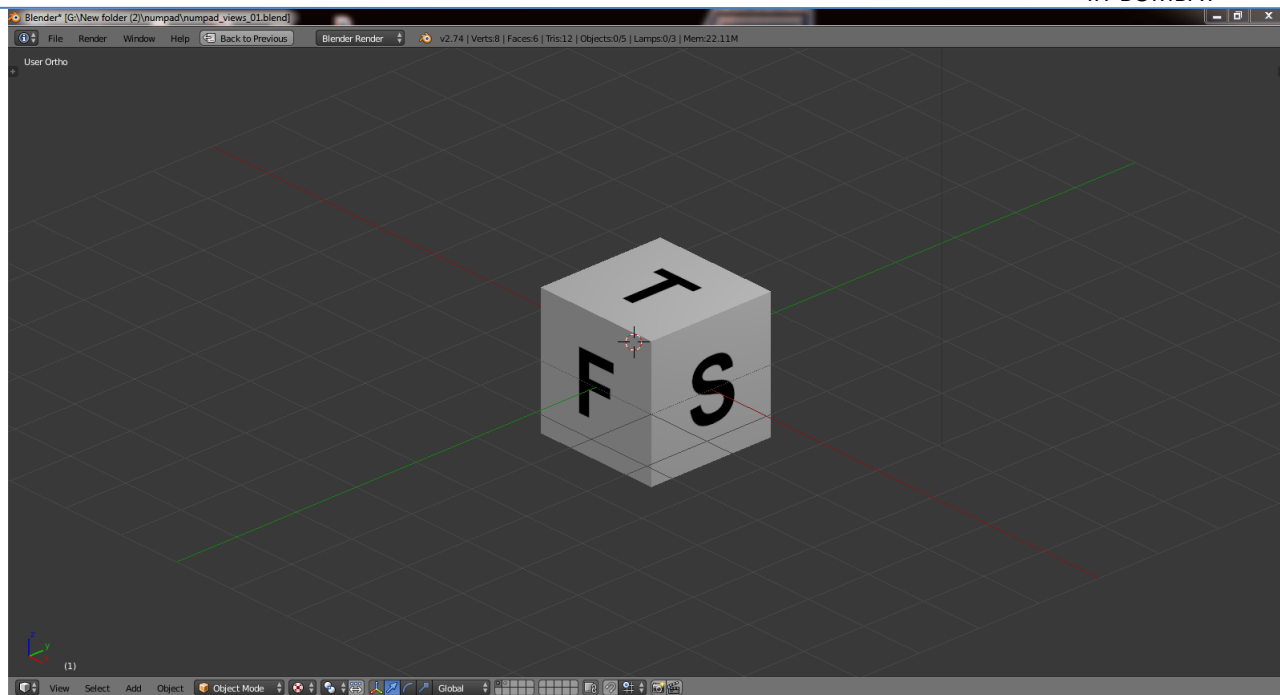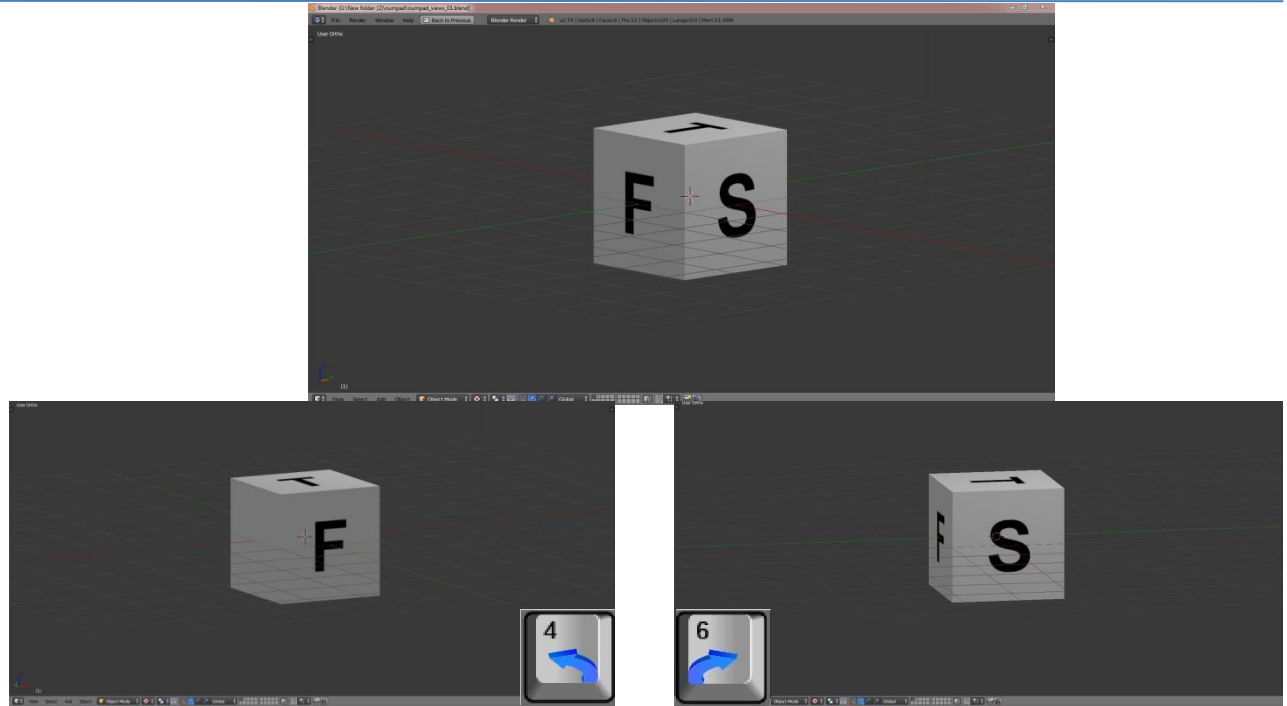
Numpad shortcuts
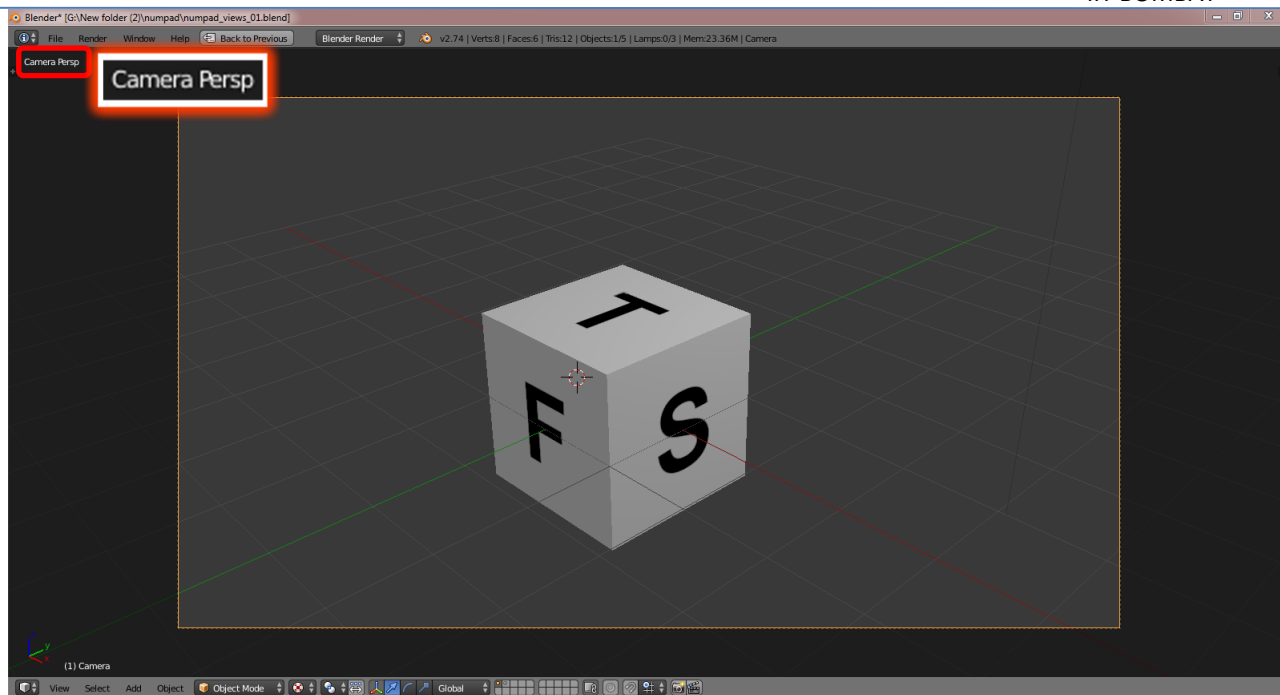
Camera view

Numpad shortcuts

Zoom in

Numpad shortcuts

Zoom out

Numpad shortcuts

Orbit 3D view left and right using numpad 4 and 6

Numpad shortcuts
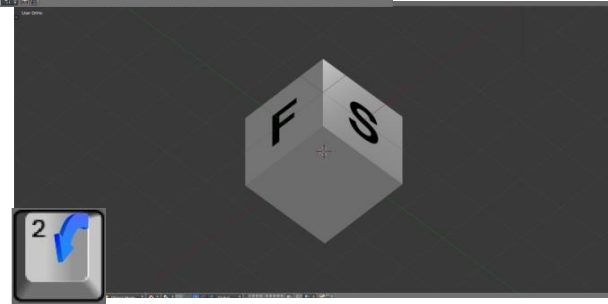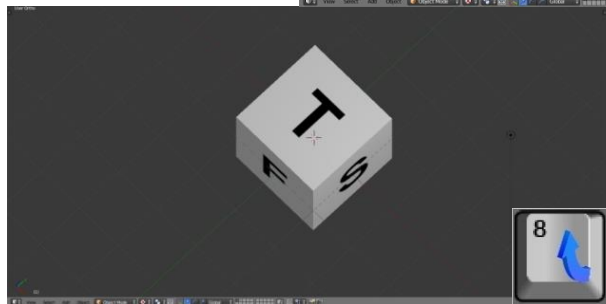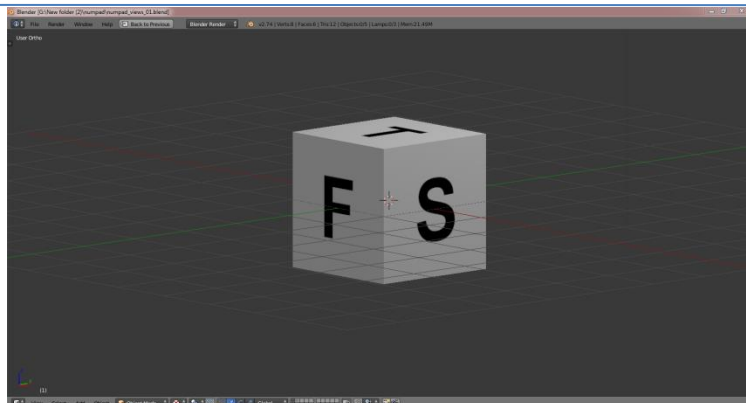
Orbit 3D view up and down using numpad 8 and 2

Numpad shortcuts

Keys	Actions
1	Front view
7	Top view
3	Right side view
5	Perspective / Orthographic
0	Camera view
+	Zoom in
-	Zoom out
4, 6	Orbit 3D view to left and right
8, 2	Orbit 3D view to up and down

Numpad shortcuts

Keys	Actions
1	Front view
7	Top view
3	Right side view
5	Perspective / Orthographic
0	Camera view
+	Zoom in
-	Zoom out
4, 6	Orbit 3D view to left and right
8, 2	Orbit 3D view to up and down

Numpad shortcuts

Keys	Actions
1	Front view
7	Top view
3	Right side view
5	Perspective / Orthographic
0	Camera view
+	Zoom in
-	Zoom out
4, 6	Orbit 3D view to left and right
8, 2	Orbit 3D view to up and down

Numpad shortcuts

Keys	Actions
1	Front view
7	Top view
3	Right side view
5	Perspective / Orthographic
0	Camera view
+	Zoom in
-	Zoom out
4, 6	Orbit 3D view to left and right
8, 2	Orbit 3D view to up and down

Numpad shortcuts

Keys	Actions
1	Front view
7	Top view
3	Right side view
5	Perspective / Orthographic
0	Camera view
+	Zoom in
-	Zoom out
4, 6	Orbit 3D view to left and right
8, 2	Orbit 3D view to up and down