

Aperture and Shutter Speed

1. A large aperture hole would have a low f-stop number, something along the lines of F 2.8.
2. An F 5.6 aperture hole would be roughly 1/4 closed.
3. The F in F-stop refers to the focal length.
4. If I wanted to let the least amount of light in I would set the aperture to F 16.
5. If I wanted to let the most light in, I would bring the aperture to the lowest number the camera allowed. Most likely F 2 or smaller.
6. At F 32 your main focus point and everything else around it will be in focus.
7. With such a large aperture hole the only thing that will be in focus is the item nearest to you. You will have an image with a very shallow depth of field.
8. To freeze someone in motion I would set the shutter speed to one of the fastest settings I can. Possibly 1/3000 if not quicker.
9. If I wanted image blur I would set the shutter speed to something slower such as 1/125.
10. If you have such a slow shutter speed, camera shake will blur the image. On a tripod you can ensure no camera movement will be made while the shutter is open.