

**LOW = 100 ISO**  
NO NOISE  
BETTER IMAGE QUALITY  
NEEDS MORE LIGHT TO EXPOSE



**HIGH = 4000 ISO**  
MORE NOISE  
IMAGE QUALITY DEGRADES  
NEEDS LESS LIGHT TO EXPOSE

**LOW=f/1.2**  
SHALLOWER DEPTH OF FIELD  
BACKGROUND MORE BLURRY  
NEEDS LESS LIGHT TO EXPOSE  
ALLOWS LOTS OF LIGHT TO SENSOR  
LARGER PHYSICAL HOLE IN LENS

**HIGH=1/8000 sec**  
FAST SHUTTER SPEED  
FREEZES ACTION  
ALLOWS LESS LIGHT TO SENSOR



**1/200 sec**

A GOOD RULE OF THUMB IS A SHUTTER SPEED EQUAL OR GREATER THAN THE FOCAL LENGTH OF YOUR LENS IF HAND HOLDING CAMERA TO PREVENT CAMERA SHAKE BLUR



**LOW = 1/15**

SLOW SHUTTER SPEED  
ACTION /MOVEMENT IS BLURRY  
ALLOWS MORE LIGHT TO SENSOR

1  
**ISO**

**APERTURE**

2

**SHUTTER SPEED**

3



**HIGH = f/22**  
DEEP DEPTH OF FIELD  
EVERYTHING IS IN FOCUS  
NEEDS MORE LIGHT TO EXPOSE  
ALLOWS LESS LIGHT TO SENSOR  
SMALLER PHYSICAL HOLE IN LENS