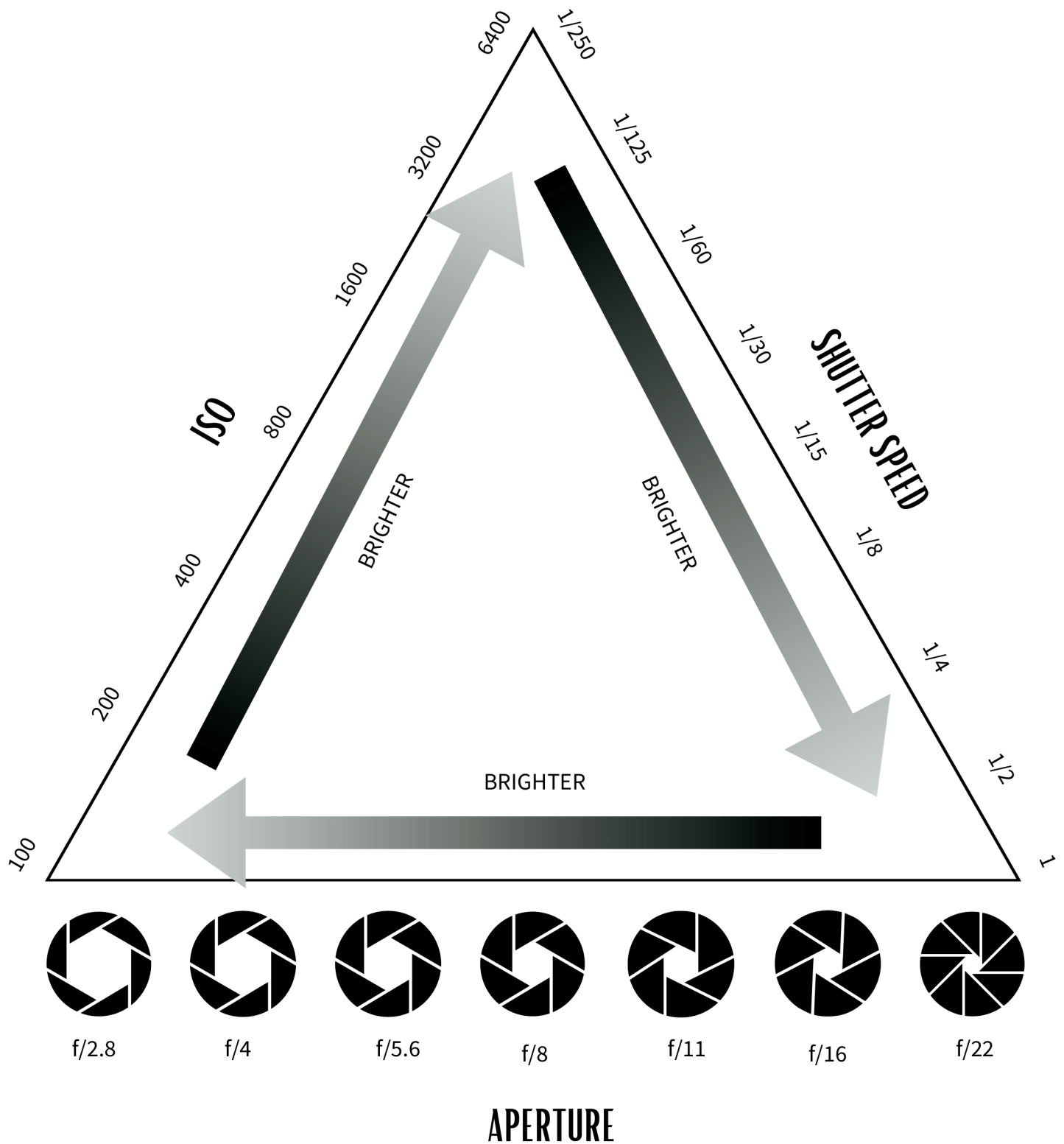




PHOTOGRAPHY CHEAT SHEETS

EXPOSURE TRIANGLE



APERTURE



f/2.8



f/4



f/5.6



f/8



f/11



f/16



f/22

SHALLOW

*good for
isolating
subjects*



*Can be used
in dim light*



DEPTH OF FIELD



DEEP

*good for
landscapes*



*Requires
bright light
(sun, flash) or
a tripod.*



ISO



100

200

400

800

1600

3200

6400



LOWER

*good for bright or
outdoor shots*

LIGHT SENSITIVITY

Based on film speed

HIGHER

*good for lower light
night shot*

SHUTTER SPEED

1/4000

Fast Animals Sports

1/2000

Sunset/Sunrise

1/1000

Races/Extreme Sports

1/500

Slow sports

1/250

Casual Photography

1/125

Panning Fast Vehicles

1/60

Panning Slower Objects

1/30

Blurring Moton

1/15

Low Light w/o Flash

1/8

Blurring Moving Water

1/4

Blurring Motion

1/2

Extreme Low Light

1

Fireworks

5-30

Light Painting

BULB

Sky/Night Time, Long Exposure

NIGHT PHOTOGRAPHY

Cheat Sheet

SUBJECT	SHUTTER SPEED	APERTURE	ISO
Fireworks	20 secs	f/11	100
Indoors by candlelight	60 secs	f/16	100
Fairground rides	15 secs	f/16	100
Traffic	30 secs	f/22	100
Street scene at night	20 secs	f/16	100
Floodlit football	1/125 sec	f/4	1250
Indoors by lamp light	12 secs	f/16	100
Lightning strike	Bulb	f/11	100
Stage show	1/60 sec	f/4	400
Rock gig	1/125 sec	f/4	800
Floodlit Cathedral	4 secs	f/16	100
Full moon	1/250 sec	f/8	100
Moonlit landscape	4 mins	f/5.6	100
Skyline at dusk	1/30 sec	f/5.6	100
Skyline at night	15 secs	f/5.6	100
Christmas Lights (outside)	20 secs	f/16	100
Bonfire Flames	2 sec	f/16	100

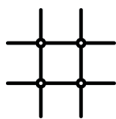
DAY PHOTOGRAPHY

Cheat Sheet

SUBJECT	SHUTTER SPEED	APERTURE	ISO
Sunrise	1/500 sec	f/16	100
Snow	1/125 sec	f/22	100
Sand	1/125 sec	f/22	100

GROUP PHOTOS	
NUMBER OF PEOPLE	F/STOP
1	f/2 -f/2.8
2	f/2.8
4	f/4
6	f/5.6
8	f/7.1
12	f/1.1

COMPOSITION RULES



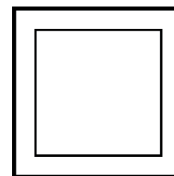
Rule of Thirds

Position subject on the crosshairs



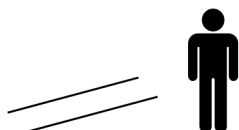
Repetition

Look the repeating objects - pile of fruit, row of poles etc.



Framing

Frame subject with surrounding objects- building, people, trees



Leading Lines

Road, rails, lines of lampposts, building etc. leading to subject



Negative Space

Leave space for the subject to move into



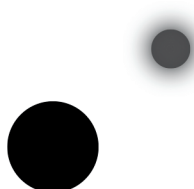
Color

Use complimentary or opposing colors in background



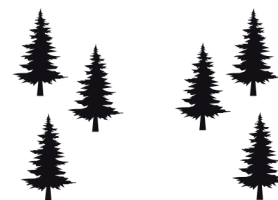
Balancing elements

balance background interest with foreground subject



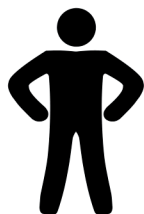
Differential focus

Subject in sharp focus to guide the eye



Symmetry

Half of the image is the mirror of the other half



Fill the frame

Get in close and fill the frame with your subject



Depth of field

Blur background &/or foreground to separate your subject



Simplicity

Cut out distractions-get close, blur background, darken background

Pocket Versions

Print these smaller versions, cut them out, and glue them back to back. Then, laminate them and carry them in your camera bag or backpack.

DAY PHOTOGRAPHY

Cheat Sheet

SUBJECT	SHUTTER SPEED	APERTURE	ISO
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Snow	1/125 sec	f/22	100
Sand	1/125 sec	f/22	100

GROUP PHOTOS

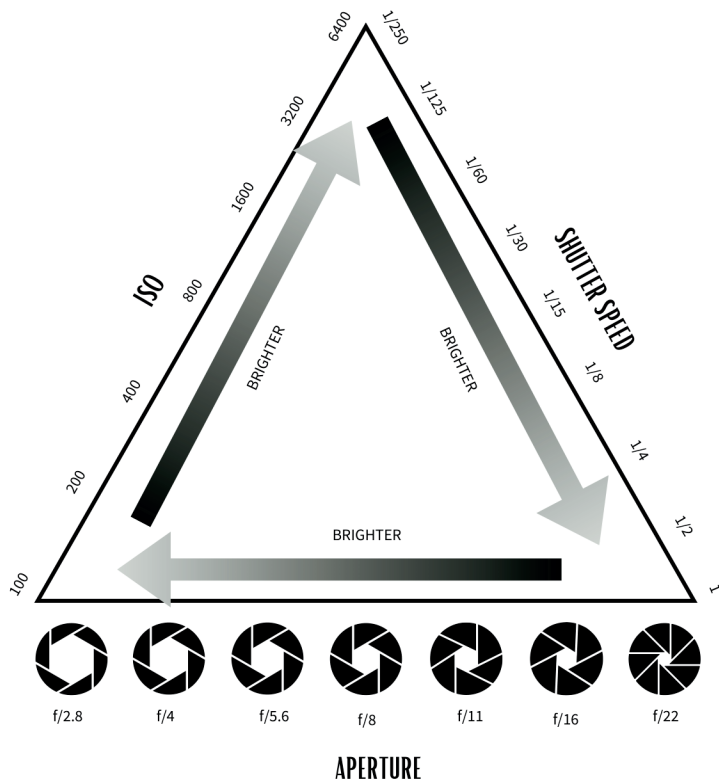
NUMBER OF PEOPLE	F/STOP
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4	f/4
6	f/5.6
8	f/7.1
12	f/1.1

NIGHT PHOTOGRAPHY

Cheat Sheet

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Lightning strike	Bulb	f/11	100
Stage show	1/60 sec	f/4	400
Rock gig	1/125 sec	f/4	800
Floodlit Cathedral	4 secs	f/16	100
Full moon	1/250 sec	f/8	100
Moonlit landscape	4 mins	f/5.6	100
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Skyline at night	15 secs	f/5.6	100
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isolating
subjects



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in dim light

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DEEP

good for
landscapes



Requires
bright light
(sun, flash) or
a tripod.



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1/1000	Races/Extreme Sports
1/500	Slow sports
1/250	Casual Photography
1/125	Panning Fast Vehicles
1/60	Panning Slower Objects
1/30	Blurring Motion
1/15	Low Light w/o Flash
1/8	Blurring Moving Water
1/4	Blurring Motion
1/2	Extreme Low Light
1	Fireworks
5-30	Light Painting
BULB	Sky/Night Time, Long Exposure

good for bright
or outdoor shots

LOWER

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ISO

LIGHT SENSITIVITY

Based on
film speed

HIGHER

good for lower
light night shot

