

Equivalent Exposures Worksheet

Fill in the blanks to provide the equivalent exposures of F16 @ 1/125 : F32 @ 1/____ F22 @ 1/____ F16 @ 1/125 F11 @ 1/____ ____ @ 1/500 ____ @ 1/1000 F4 @ 1/____	Fill in the blanks to provide the equivalent exposures of F4 @ 1/500 : F11 @ 1/____ F8 @ 1/____ F5.6 @ 1/____ F4 @ 1/500 ____ @ 1/1000 ____ @ 1/2000 F1.4 @ 1/____	Fill in the blanks to provide equivalent exposures of F8 @ 1/4 : F22 @ ____ F16 @ ____ F11 @ 1/____ F8 @ 1/4 ____ @ 1/8 ____ @ 1/15 F2.8 @ 1/____
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Fill in the blanks to provide the equivalent exposures for each exposure below.

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| F8 @ 1/60 \equiv F5.6 @ 1/____ | F8 @ 1/30 \equiv F5.6 @ 1/____ | F8 @ 1/15 \equiv F5.6 @ 1/____ |
| F8 @ 1/125 \equiv F5.6 @ 1/____ | F8 @ 1/250 \equiv F5.6 @ 1/____ | F8 @ 1/500 \equiv F5.6 @ 1/____ |
| F11 @ 1/60 \equiv F____ @ 1/125 | F11 @ 1/60 \equiv F____ @ 1/250 | F11 @ 1/60 \equiv F____ @ 1/500 |
| F11 @ 1/60 \equiv F____ @ 1/30 | F11 @ 1/60 \equiv F____ @ 1/15 | F11 @ 1/60 \equiv F____ @ 1/8 |
| F5.6 @ 1/125 \equiv F4 @ 1/____ | F5.6 @ 1/60 \equiv F4 @ 1/____ | F5.6 @ 1/30 \equiv F4 @ 1/____ |
| F5.6 @ 1/250 \equiv F4 @ 1/____ | F5.6 @ 1/500 \equiv F4 @ 1/____ | F5.6 @ 1/1000 \equiv F4 @ 1/____ |
| F4 @ 1/250 \equiv F____ @ 1/125 | F4 @ 1/250 \equiv F____ @ 1/60 | F4 @ 1/250 \equiv F____ @ 1/30 |
| F4 @ 1/250 \equiv F____ @ 1/500 | F4 @ 1/250 \equiv F____ @ 1/1000 | F4 @ 1/250 \equiv F____ @ 1/2000 |
| F2.8 @ 1/1000 \equiv F5.6 @ 1/____ | F16 @ 1/60 \equiv F____ @ 1/250 | F8 @ 1/125 \equiv F2.8 @ 1/____ |
| F4 @ 1/1000 \equiv F____ @ 1/250 | F11 @ 1/250 \equiv F5.6 @ 1/____ | F5.6 @ 1/60 \equiv F____ @ 1/15 |
| F8 @ 1/4 \equiv F5.6 @ 1/____ | F2.8 @ 1/8 \equiv F____ @ 1/2 | F8 @ 1/2 sec \equiv F11 @ ____ |
| F2.8 @ 1/2000 \equiv F____ @ 1/125 | F5.6 @ 1/1 sec \equiv F16 @ ____ | F1.4 @ 1/15 \equiv F____ @ 1/4 |
| F22 @ 1/60 \equiv F5.6 @ 1/____ | F2.8 @ 1/60 \equiv F____ @ 1/2 | F5.6 @ 1/30 \equiv F16 @ 1/____ |
| F2.8 @ 1/60 \equiv F____ @ 1/125 | F8 @ 1/15 \equiv F11 @ 1/____ | F1.4 @ 1/60 \equiv F____ @ 1/15 |

A starting exposure is given below for 100 ISO. Fill in the blanks across to provide the equivalent exposures at 200 and 400 ISO.

Starting Exposure @ 100 ISO	200 ISO	400 ISO
F16 @ 1/125	F16 @ 1/____	F16 @ 1/____
F11 @ 1/125	F11 @ 1/____	F11 @ 1/____
F8 @ 1/125	F8 @ 1/____	F8 @ 1/____
F5.6 @ 1/125	F5.6 @ 1/____	F5.6 @ 1/____

Starting Exposure @ 100 ISO	200 ISO	400 ISO
F4 @ 1/500	____ @ 1/500	____ @ 1/500
F16 @ 1/15	____ @ 1/15	____ @ 1/15
F5.6 @ 1/250	____ @ 1/250	____ @ 1/250
F11 @ 1/60	____ @ 1/60	____ @ 1/60

Starting Exposure @ 100 ISO	200 ISO	400 ISO
F16 @ 1/125	F11 @ 1/____	F22 @ 1/____
F11 @ 1/125	____ @ 1/60	F22 @ 1/____
F8 @ 1/125	F4 @ 1/____	____ @ 1/1000
F5.6 @ 1/125	____ @ 1/500	F16 @ 1/____

Starting Exposure @ 100 ISO	200 ISO	400 ISO
F2 @ 1/30	F4 @ 1/____	____ @ 1/8
F5.6 @ 1/8	____ @ 1/60	F11 @ 1/____
F1.4 @ 1/1000	F8 @ 1/____	F4 @ 1/____
F2.8 @ 1/30	____ @ 1/15	F5.6 @ 1/____

How much more or less light reaches the sensor?

Changing from		Changing to	
F8 @ 1/125	to	F5.6 @ 1/125	<u>2X</u>
F11 @ 1/60	to	F11 @ 1/250	<u>1/4X</u>
F4 @ 1/30	to	F4 @ 1/125	_____
F16 @ 1/15	to	F8 @ 1/15	_____
F8 @ 1/60	to	F5.6 @ 1/125	_____
F4 @ 1/30	to	F8 @ 1/8	_____
F11 @ 1/500	to	F22 @ 1/1000	_____
F2 @ 1/2	to	F1.4 @ 1/8	_____
F22 @ 1/1000	to	F5.6 @ 1/250	_____
F22 @ 1/1000	to	F5.6 @ 1/125	_____
F2.8 @ 1/15	to	F5.6 @ 1/4	_____
F5.6 @ 1/60	to	F2 @ 1/30	_____
F16 @ 1/500	to	F5.6 @ 1/1000	_____
F8 @ 1/15	to	F5.6 @ 1/250	_____
F22 @ 1/1000	to	F16 @ 1/15	_____
F2.8 @ 1/2	to	F5.6 @ 1/125	_____
F8 @ 1/1000	to	F16 @ 1/125	_____

How much more or less light reaches the sensor?

Changing from		Changing to	
F8 @ 1/125 @ 100 ISO	to	F5.6 @ 1/125 @ 200 ISO	<u>4X</u>
F11 @ 1/60 @ 200 ISO	to	F11 @ 1/250 @ 400 ISO	<u>1/2X</u>
F4 @ 1/30 @ 200 ISO	to	F4 @ 1/125 @ 800 ISO	_____
F16 @ 1/15 @ 400 ISO	to	F8 @ 1/15 @ 100 ISO	_____
F8 @ 1/60 @ 200 ISO	to	F5.6 @ 1/125 @ 800 ISO	_____
F4 @ 1/30 @ 800 ISO	to	F8 @ 1/8 @ 200 ISO	_____
F11 @ 1/500 @ 200 ISO	to	F22 @ 1/1000 @ 100 ISO	_____
F2 @ 1/2 @ 1600 ISO	to	F1.4 @ 1/8 @ 800 ISO	_____
F22 @ 1/1000 @ 400 ISO	to	F5.6 @ 1/125 @ 100 ISO	_____
F2.8 @ 1/15 @ 100 ISO	to	F5.6 @ 1/4 @ 800 ISO	_____
F5.6 @ 1/60 @ 800 ISO	to	F2 @ 1/30 @ 3200 ISO	_____

F16 @ 1/500 @ 200 ISO to F5.6 @ 1/1000 @ 100 ISO _____

F8 @ 1/15 @ 400 ISO to F5.6 @ 1/250 @ 100 ISO _____