

Quiz #2 Fall 2016

Answers are highlighted. Questions might be rearranged & numbers changed

For each setting/number series given in question 1-3:

- a) Name it
- b) Put a + on the end that lets in more light/is more sensitive, and put a – on the end that lets in less light/is less sensitive
- c) Write how each end of the scale affects the image besides letting in more or less light

1. f/1.4, f/2, f/2.8, f/4, f/5.6, f/8, f/11, f/16, f/22

f-stops

+ 1.4 22 –
shallow depth of field large depth of field

2. 30", 15", 8", 4", 2", 1", 2, 4, 8, 15, 30, 60, 125, 250, 500, 1000

shutter speeds

+ 30" 1000 –
motion blurs motion freezes

3. 100, 200, 400, 800, 1600, 3200, 6400

ISO

- 100 6400 +
cleaner image noisier image

4. One stop more light = how much more light? **Twice as much**

5. One stop less light = how much less light? **Half as much**

6. If you change your lens setting from f/4 to f/11, how many stops difference is that? Make sure to include whether the change gives less or more light.

f/4 to f/11 = three stops less light

7. If you change your shutter speed from 500 to 60, how many stops difference is that? Make sure to include whether the change gives less or more light.

1/500sec to 1/60sec = three stops more light

Match the photos to the photographer:

8. Mike Brodie: **b & d**

9. Philippe Halsman: **a & c**

10. Alexander Rodchenko: **e f g h**



a



b



c



d



e



f



g



h