

Equivalent exposures

Figure the equivalent exposure for each problem. You should find the shutter speed or the correct aperture.

1. f 5.6 @ 250 is equivalent to f 8 @ _____

2. f 16 @ 30 is equivalent to f 11 @ _____

3. f 4 @ 125 is equivalent to f 11 @ _____

4. f 2.8 @ 500 is equivalent to f 16 @ _____

5. f 8 @ 60 is equivalent to f 2.8 @ _____

6. f 4 @ 250 is equivalent to f _____ @ 500.

7. f 8 @ 125 is equivalent to f _____ @ 60.

8. f 2.8 @ 60 is equivalent to f _____ @ 15.

9. f 5.6 @ 1000 is equivalent to f _____ @ 60.

10. f 22 @ 60 is equivalent to f _____ @ 500.

Word problems

Please give all the possible answers for each question.

Example:

If f 8 @ 125 is the correct light setting for a particular light situation, give a setting that will produce shallower depth of field.

Aperture settings

2 2.8 4 5.6 8 11 16 22

Shutter settings

1 2 4 8 15 30 60 125 250 500 1000

Answers: f5.6 @ 250, f4@500, f2.8@1000

11. If f 8 @ 125 is the correct light setting for a particular light situation, give a setting that will produce deeper depth of field.

Aperture settings

2 2.8 4 5.6 8 11 16 22

Shutter settings

1 2 4 8 15 30 60 125 250 500 1000

Answers: _____

12. If f 11 @ 60 is the correct light setting for a particular light situation, give a setting that would stop more motion.

Aperture settings

2 2.8 4 5.6 8 11 16 22

Shutter settings

1 2 4 8 15 30 60 125 250 500 1000

Answers: _____

13. If f 5.6 @ 125 is the correct light setting for a particular light situation, give a setting that will blur the most motion without requiring a tripod.

Aperture settings

2 2.8 4 5.6 8 11 16 22

Shutter settings

1 2 4 8 15 30 60 125 250 500 1000

Answers: _____

14. If f 11 @ 125 is the correct light setting for a particular light situation, give a setting that will produce the shallowest depth of field.

Aperture settings

2 2.8 4 5.6 8 11 16 22

Shutter settings

1 2 4 8 15 30 60 125 250 500 1000

Answers: _____