

Name \_\_\_\_\_ Period \_\_\_\_\_

# Test 2 Review — Exposure

## APERTURES AND SHUTTER SPEEDS

1. What is the exposure triangle? Why is it really the exposure square now? Draw a diagram to support your answer.

2. What are the standard f-stops? Draw a diagram to support your answer.

3. What are the standard shutter speeds? Draw a diagram to support your answer.

4. What aperture is considered wide? Why?

5. What aperture is considered narrow? Why?

6. What is the fastest shutter speed in this grouping?

- A. 1/500
- B. 1/60
- C. 1/125
- D. 1/8

7. Of the apertures given, which would allow the most light to enter your lens?

- A. f3.5
- B. f2
- C. f11
- D. f8

8. When should you use a fast shutter speed?

9. When should you use a slower shutter speed?

10. What do shutter speeds control?

11. What do f-stops control?

12. What is the difference between f-stop and aperture?

13. The equivalent exposure for f4@60 is

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14. The equivalent exposure for f5.6@1/250 is

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15. The equivalent exposure for f8@1/500 is

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16. When should photographers use a tripod? What settings?

17. How are shutter speeds measured?

18. What does shallow depth of field mean?

19. How do you obtain shallow depth of field?

20. What does deep depth of field mean? How do you obtain it?

## **ISO AND WHITE BALANCE AND EVERYTHING ELSE**

21. Why do we white balance? What does it do to a photo?

22. What are the standard ISO numbers and what does ISO do?

18. What ISO setting is not perfect but the best choice in low light and high light situations?

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19. What happens to a photo each time you use a higher ISO? \_\_\_\_\_

20. What is photography the study of? \_\_\_\_\_



21. What is M? What does it let you control?

23. What is TV? What does it let you control?

22. What is AV? What does it let you control?

24. What is P? What does it let you control?

25.-40.

Look at the camera LCD screen diagrams below. Find the items on the list below then circle each item on each diagram, draw a line out to the side and label the item.

Aperture  
Shutter speed

Battery life  
White balance

File size  
Camera mode

Light meter  
ISO



41-44. Explain what you know about the diagrams below.

