

Name \_\_\_\_\_

Per \_\_\_\_\_

<http://camerasim.com/camera-simulator/>

Make sure that the light meter indicates a correct exposure before “snapping photo”!  
Select either ISO 100 or 400. Circle the ISO you choose.

ISO?    100    400

***Overcast @ 3 feet***

F-stop	Shutter speed?	What is in focus?
<u>F2.8</u>	_____	_____
<u>F22</u>	_____	_____

***Overcast @ 10 feet***

F-stop	Shutter speed?	What is in focus?
<u>F2.8</u>	_____	_____
<u>F22</u>	_____	_____

***Partly Cloudy @ 3 feet***

F-stop	Shutter speed	What is in focus?
<u>F2.8</u>	_____	_____
<u>F22</u>	_____	_____

***Partly Cloudy @ 10 feet***

F-stop	Shutter speed	What is in focus?
<u>F2.8</u>	_____	_____
<u>F22</u>	_____	_____

***Mostly Sunny @ 3 feet***

F-stop	Shutter speed	What is in focus?
<u>F2.8</u>	_____	_____
<u>F22</u>	_____	_____

***Mostly Sunny @ 10 feet***

F-stop	Shutter speed	What is in focus?
<u>F2.8</u>	_____	_____
<u>F22</u>	_____	_____

**Sunny @ 3 feet**

F-stop	Shutter speed	What is in focus?
<u>F2.8</u>	_____	_____
<u>F22</u>	_____	_____

**Sunny @ 10 feet**

F-stop	Shutter speed	What is in focus?
<u>F2.8</u>	_____	_____
<u>F22</u>	_____	_____

Now select the opposite ISO from above (100 or 400) and any one of the above light and F-stop scenarios and explain:

ISO? \_\_\_\_\_ Outdoor light? \_\_\_\_\_

F-stop? \_\_\_\_\_ Shutter speed? \_\_\_\_\_

Areas in focus? \_\_\_\_\_

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Explain the following:

What shutter speeds caused the moving objects to look blurry? \_\_\_\_\_

What is the slowest shutter speed to hand-hold a camera? \_\_\_\_\_

Which of the above lighting scenarios is best for short depth of field? (*isolation*) (F-2.8) \_\_\_\_\_

Which of the above lighting scenarios is best for long depth of field? (*storytelling*) (F22) \_\_\_\_\_

**Based on the above practice photo scenarios, write an example of how you might complete this photo assignment.**

**Long depth of field ("Storytelling?"):** ISO? \_\_\_\_\_ Where? \_\_\_\_\_

Main subject? \_\_\_\_\_ Time of day? \_\_\_\_\_

Sun light? \_\_\_\_\_ F-stop? \_\_\_\_\_ SS? 1/ \_\_\_\_\_

What part of your picture will be sharp & what part blurry? \_\_\_\_\_

**Short depth of field ("Isolation?"):** ISO? \_\_\_\_\_ Where? \_\_\_\_\_

Main subject? \_\_\_\_\_ Time of day? \_\_\_\_\_

Sun light? \_\_\_\_\_ F-stop? \_\_\_\_\_ SS? 1/ \_\_\_\_\_

What part of your picture will be sharp & what part blurry? \_\_\_\_\_