

Name _____

03/05/17

Fixtures, Cables, & Accessories

INTRO TO LIGHTING. QUIZ 1.

1. What type of cable is most commonly used to power theatrical lighting fixtures?

- a.) Ethernet
- b.) XLR
- c.) Stage Pin/3-Pin
- d.) Coaxial

2. What type of cable is most commonly used in the theater to carry data/information?

- a.) DMX
- b.) Twist-Lock
- c.) Auxiliary
- d.) Feeder

3. What accessory can be used to cut off unwanted light?

- a.) Gobo Rotator
- b.) Barn Doors
- c.) Ellipsoidal lens
- d.) Gel

4. Why should you avoid touching a lamp with bare hands?

- a.) Oils from your hands can compromise the lamp
- b.) Electric shock
- c.) The lamps are fragile
- d.) They shouldn't need replacing

5. What is electricity in a nutshell?

- a.) Copper
- b.) Insulators
- c.) The flow of electrons
- d.) Variable resistors



6. Identify this fixture: _____



7. Identify this fixture: _____



8. Identify this fixture: _____

9. What accessory is shown below? _____



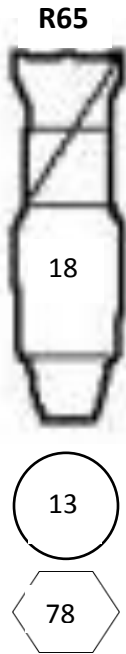
10. What accessory is shown below? _____



Bonus (1pt): Briefly describe what a Boom is used for in lighting?

Name: _____

INTRO TO LIGHTING. QUIZ 2.



- 1.) What type of instrument is shown here?

- 2.) What is the gel color?

- 3.) What is the channel number?

- 4.) What is the fixture number?

KEY

Instruments	
	Source 4 5 deg 750W
	Source 4 10deg 750W
	Source 4 19deg 750W
	Source 4 26deg 750W
	Source 4 36deg 750W
	Source 4 50deg 750W

Questions.

- 5.) What does “make it hot” mean in regards to *focusing* a light?
 - a.) Powering it on
 - b.) Centering the projected light onto an object
 - c.) Leave light on until fixture is hot
 - d.) Circuiting the fixture
- 6.) When focusing, what does “making a light sharp” entail?
 - a.) Rotating the porcelain
 - b.) Tilting the light downstage
 - c.) Clear defined edges on the projected light
 - d.) Turning the focus lever to flood
- 7.) What does the R mean in gel color R356?
 - a.) Radial
 - b.) Rotational
 - c.) Roscolux
 - d.) Radical
- 8.) Why are the dimmer numbers left blank on a new light plot?
 - a.) Some lights don’t have dimmer numbers
 - b.) It is labeled on the fixture
 - c.) Lighting designer forgot to add them
 - d.) Electrician establishes dimmer numbers during hang

- 6.) What cable would you use to pair two lights into one dimmer?
 - a.) Feeder
 - b.) Twofer
 - c.) Splitter
 - d.) Ethernet
- 10.) What type of light is the most efficient?
 - a.) Fluorescent
 - b.) Incandescent
 - c.) Halogen
 - d.) Light Emitting Diode

Bonus: Name two manufacturers of Gobos _____

Name: _____

Section 1 – Identify the tools shown below.



1. Tool Name: _____



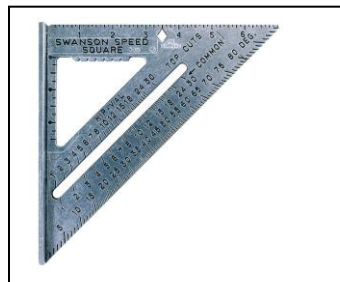
2. Tool Name: _____



3. Tool Name: _____



4. Tool Name: _____



5. Tool Name: _____



6. Tool Name: _____

Section 2 – Identify the building materials shown below.



7.) _____



8.) _____



9.) _____

Section 3 – Multiple Choice.

10.) What does the thin blade of the bandsaw allow you to do that you cannot do on either the table saw or the miter saw?

- A. Drill Holes
- B. Curves
- C. Cut Plastic
- D. Angles

11.) A flat is a scenic unit that actors stand on that create levels.

- A. True
- B. False

12.) A platform is a scenic unit that actors stand on that create levels.

- A. True
- B. False

13.) What is a Miter Saw?

- A. It is a reciprocating saw that only cuts straight lines
- B. It is a hand saw with no motor
- C. It is a portable saw that can cut circles, jagged lines, strait lines
- D. It is a stationary saw that cuts straight lines and angles

14.) Which of the following is *NOT* part of daily required scene shop etiquette?

- A. Safety Glasses
- B. Dust Collection
- C. Hearing Protection
- D. Hard Hats

15.) What type of hammer would you use to minimize impact rebound/recoil?

- A. Dead Blow Hammer
- B. Sledgehammer
- C. Mallet
- D. Claw Hammer

Section 4 – Fill in the blank.

16.) What is a Hollywood flat?

17.) What is a Broadway Flat?

18.) What is the difference between Nominal and Actual in regards to lumber?

19.) What are the two systems of Measurement discussed in class?

- 1.) _____
- 2.) _____

20.) What are two types of soft-goods typically found in the theatre?

- 1.) _____
- 2.) _____

BONUS: Name 3 productions FSU is producing this season.

Name _____

Intro to Scenery. Test 2.

T

1.) What type of fastener would you use to attach wood to steel?

- a.) T-50 Hand Stapler
- b.) Wood Glue
- c.) Narrow-Crown Stapler
- d.) T-Nailer

2.) What type of tool fires a ribbon of steel as a fastener to join wood materials?

- a.) Wide-Crown Stapler
- b.) Upholstery Stapler
- c.) Corrugated Fastener
- d.) Nail Gun

3.) Where can you find information on a tool in the shop if you have forgotten proper usage?

- a.) Scene Shop Manager
- b.) Review sheet located at each tool
- c.) Tool Manual
- d.) All of the above

4.) What tool would be best for a Cross-Cut on a sheet of plywood?

- a.) Jig-Saw
- b.) Miter Saw
- c.) Panel Saw
- d.) Sawz-All

5.) In a few words, describe the difference between a Rip-Cut, and a Cross-Cut.

6.) What are two safety features of the Table Saw?

7.) What is a Cut-List?

8.) When given a Front View of a piece of scenery, what would dashed lines signify?

9.) What is a 'Breadstick'?

10.) List 3 of your favorite tools.
