

2. Designing a SET

Sets are made up of some basic components:

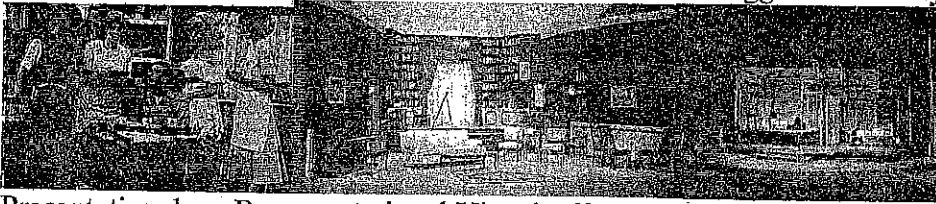
1. Flats – the light-weight walls
2. Platforms – most common (4x8), but may be any height
3. Steps – built to suit
4. Miscellaneous (Doors, Windows, etc.) – built to suit
5. Furniture – for use or for decoration

Set Designers draw out a script's mood by doodling.

1. Dominant Lines – What type of line was used most while reading the play? Curved? Jagged? Tight spirals? Vertical, horizontal, diagonal?
2. Mass/Space – Do doodles fill up the page or are they sparse?
3. Patterns – How can the designer subtly reinforce the visual concept the director wants? Is there a repeated movement to the lines that need to be considered?

Set Design Styles

1. Naturalism – where everything is as much like real life as humanly possible, with little or no concern for theatrical conventions – a real carpenter's set
2. Realism – like naturalism but allowing for theatrical conventions, many box sets are realistic
3. Selective Realism – like realism but maybe with cutaway/partial walls, props carefully selected for usage and others omitted – Shakespeare's Globe Players
4. Stylized – like fantasy, allegory, surrealism and suggested scenery



Presentational vs. Representational Visual Effect

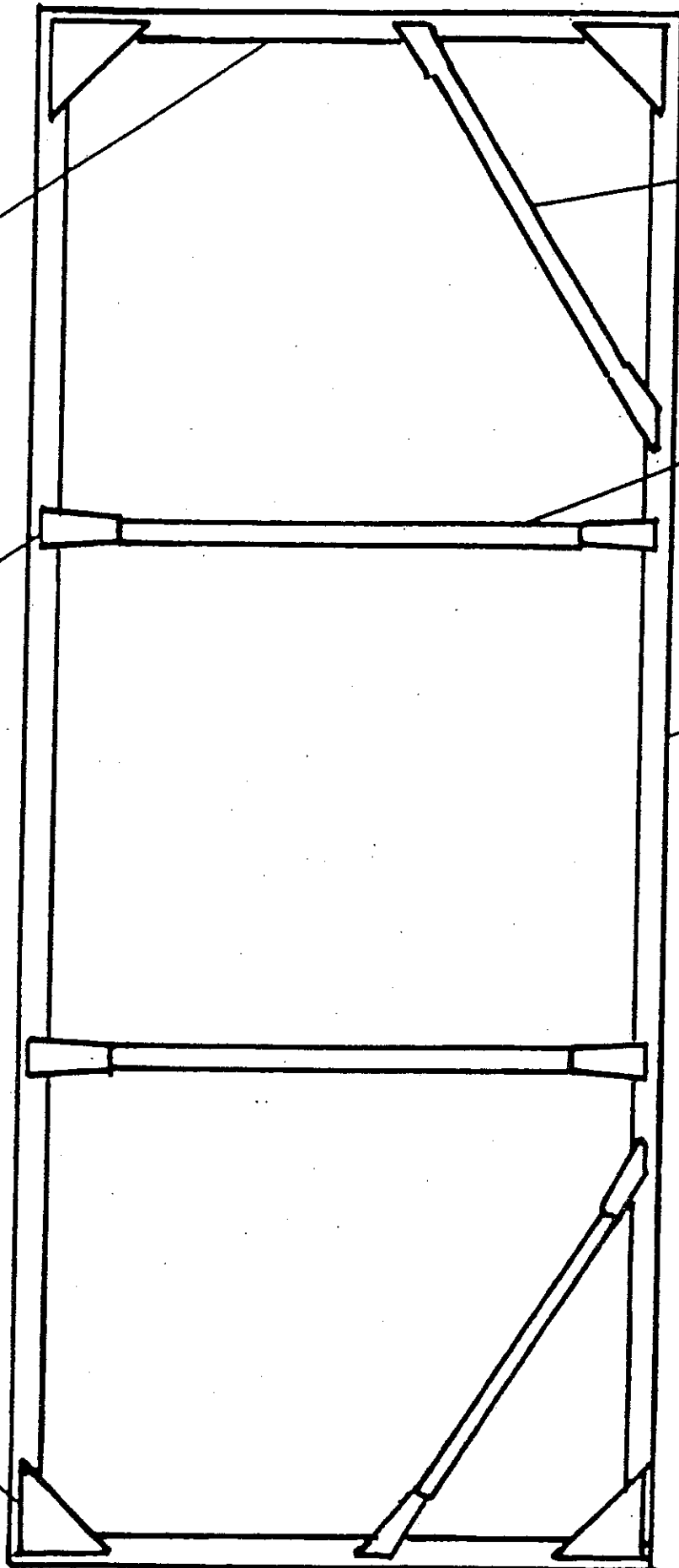
1. Presentational – “Oh, I’m in a theater.” The audience is aware of their surroundings and chooses to imagine with the actors
2. Representational – “Oh, I feel like I am in _____.” The audience doesn’t have to do any work visualizing. Every aspect of their experience is represented.

Directional Composition – Give the director places to move his/her actors.

1. levels – use platforms, staircases, landings to raise actors
2. planes
3. negative space – open areas for actors to move or stand alone
4. sight lines – What can the audience see?
5. furniture placement – Give the actors places to sit, stand, walk, etc.
6. traffic patterns – make the available movement patterns interesting
7. door openings
8. raked walls, floors, and ceilings

Notes:

Weis



Rail

Diagonal brace

Toggle bar

Keystone

Stile

Cornerblock

rail: A top or bottom framing member of a flat.

stile: A vertical side member of a flat.

toggle bar: An interior horizontal framing member of a flat.

corner brace: A diagonal internal framing member that helps keep a flat square.

2. Label this flat using the word bank.

TOGGLE

KEystone

RAIL

CORNERBLOCK

STILE

Name _____ Period _____ Date _____

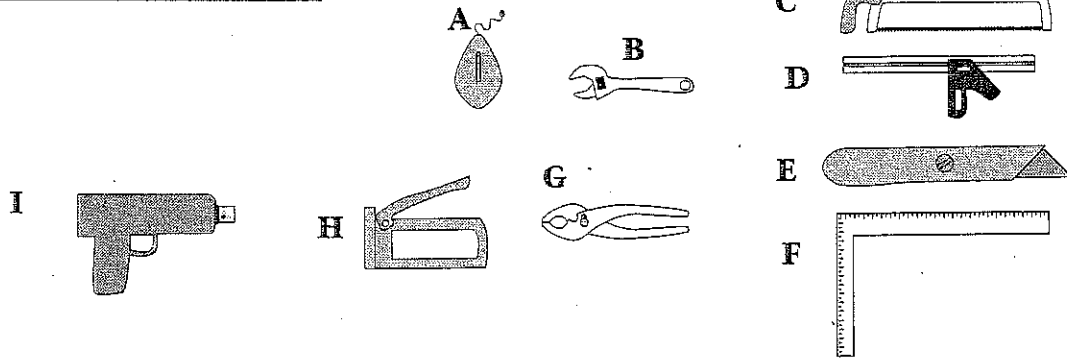
SECTION II: Set Design (35 pts.)

1. Give one reason why learning basic stagecraft can be a useful endeavor. Your answer may relate to theatre or life. (1pt.)

2. Identify the following tools by writing the name of each in the space provided. (9pts.)

A. _____
C. _____
E. _____
G. _____
I. _____

B. _____
D. _____
F. _____
H. _____



3. Name the preferred fabric for covering flats. _____ (1pt.)

4. How many cornerblocks are on a flat. _____ (1pt.)

5. How many keystones are on a flat. _____ (1pt.)

6. Based on use, explain the difference between a claw hammer and a rip hammer. (2pts.)

7. Based on use, explain the difference between a cross-cut saw and a rip saw. (2pts.)

NAME: _____

PERIOD: _____ DATE: _____

Chapter 5

BASIC STAGECRAFT

1. Give two reasons why learning about basic stagecraft can be a useful endeavor. One deals specifically with theatre, the other doesn't.

2. Identify the following tools by writing the name of each in the space provided.

A. _____ B. _____

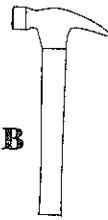
C. _____ D. _____

E. _____ F. _____

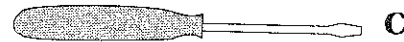
G. _____



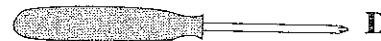
A



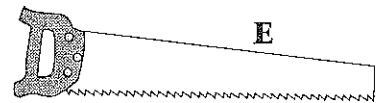
B



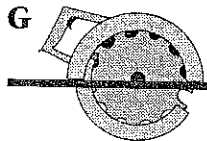
C



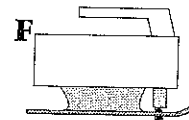
D



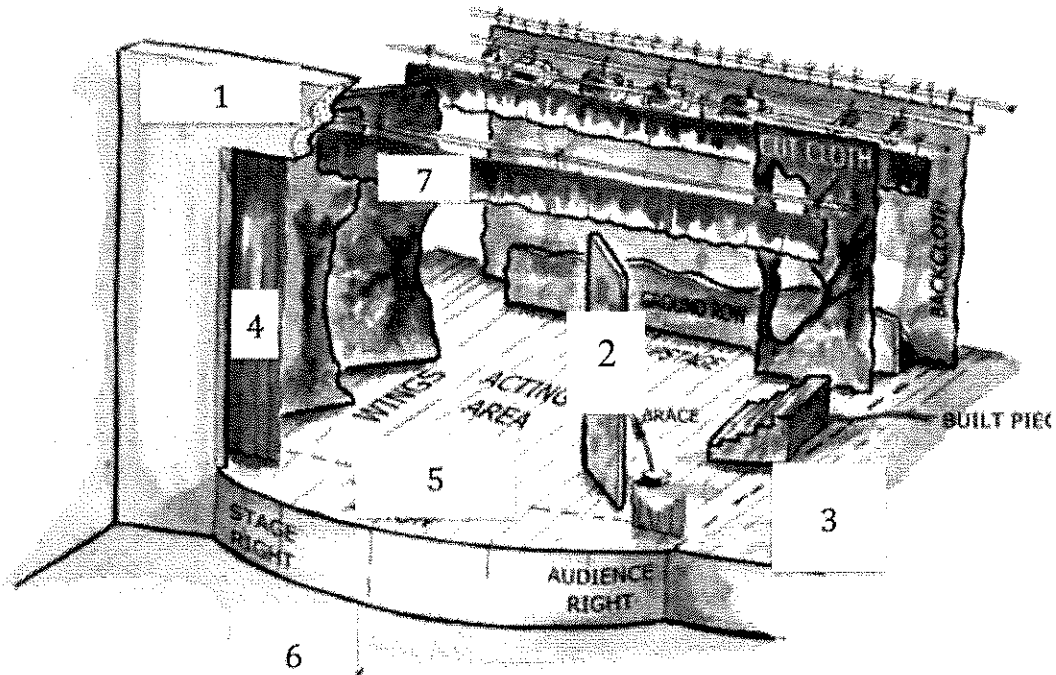
E



G



F



Identify the terms in the image above and match them below.

1. ____
2. ____
3. ____
4. ____
5. ____
6. ____
7. ____

- A. Apron
- B. Audience
- C. Left Wing
- D. Teaser Curtain
- E. Proscenium
- F. Grand Drape
- G. Flat

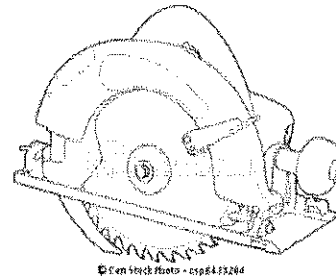
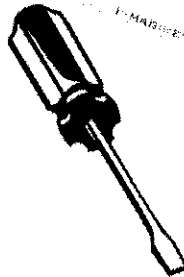
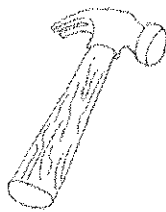
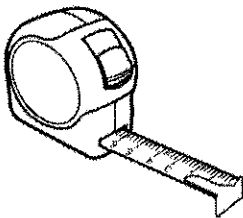
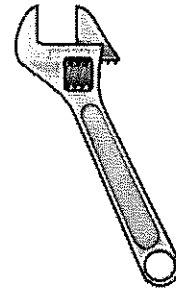
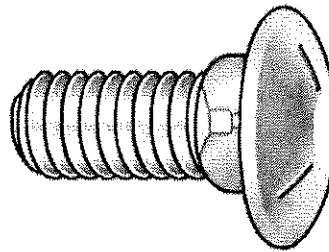
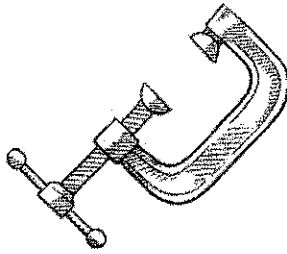
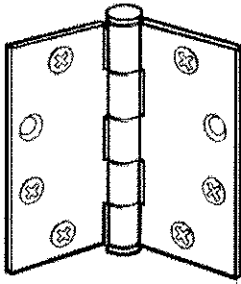
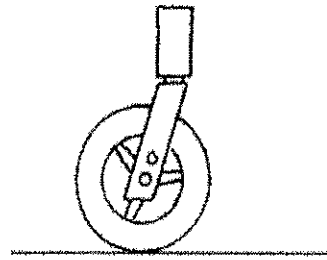
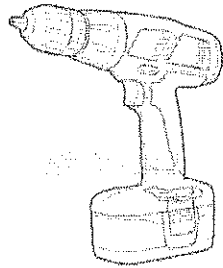
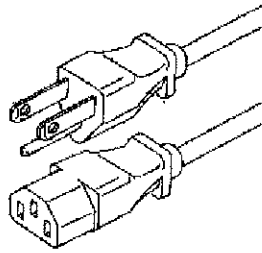
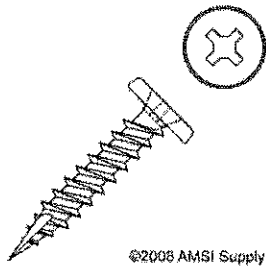
Identify the tools below by matching their name with their use.

1. ____ Screw Gun
2. ____ Crescent Wrench
3. ____ Hammer
4. ____ Tape Measure
5. ____ Framing Square
6. ____ Chalk Line
7. ____ Level
8. ____ Glue Gun

- A. Used to determine length
- B. Used to tighten or loosen nuts
- C. Used to place a long mark on a surface
- D. Used to find or mark a 90 degree angle
- E. Used to assemble wood with screws
- F. Used to assemble wood with nails
- G. Used to assemble crafts with glue
- H. Used to determine if a surface is level

Name _____ Period _____

Name these tools and hardware!



A.Hinge

B.Circular saw

C.Crescent
wrench

D.Bolt

E.Hammer

F. Screw

G.Caster wheel

H.Tape measure

I. Flathead screw-

driver

J. Clamp

K.Extension cord

L.Screw gun

NAME _____ PERIOD ____ DATE _____

Tech Theatre – Construction

REVIEW

1. Draw the following tools or hardware in the space provided below.

- a. Screw Gun
- b. Screw
- c. Extension cord plug
- d. Hinge
- e. C-clamp
- f. Bolt
- g. Crescent wrench
- h. Tape measure

A

B

C

D

E

F

G

H

2. Label this flat using the word bank.

___ TOGGLE

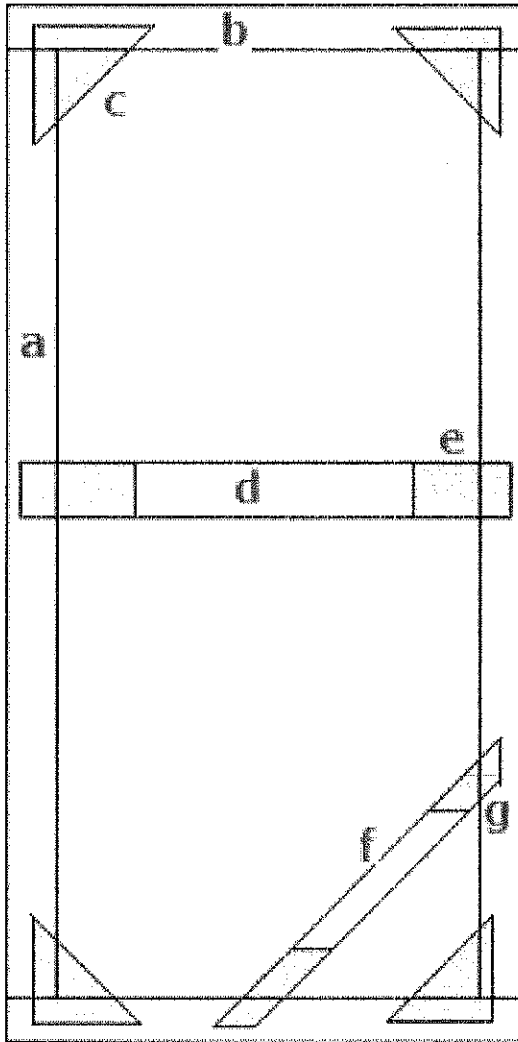
___ KEYSTONE

___ RAIL

___ CORNERBLOCK

___ STILE

___ CORNER BRACE



3. Put the process of legging-up a platform in the correct order by numbering the steps below.

_____ Drill holes in the leg and platform frame

_____ Measure and mark the correct length of the legs

_____ Determine the length of the legs by subtracting the thickness of the platform from the overall height desired

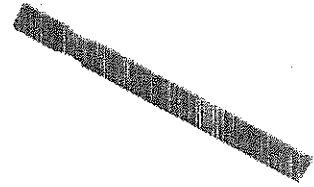
_____ Cut the leg

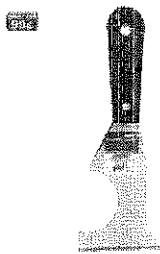
_____ Clamp the leg to the platform

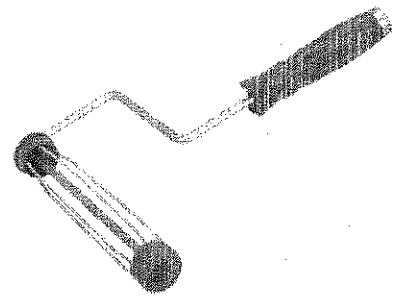
_____ Bolt the leg to the platform using carriage bolts

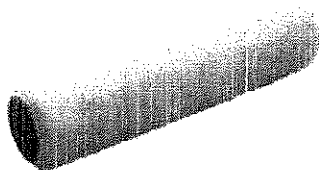
4. Label the paint supply images below.













5. Label the Set Designs below using the word bank provided.

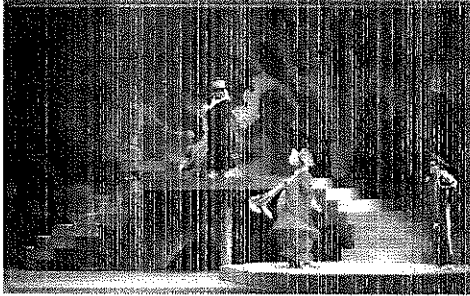
NATURALISM

REALISM

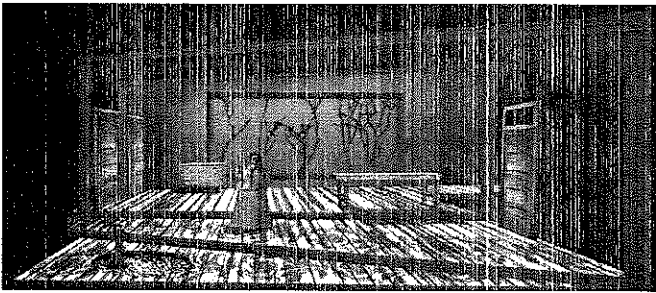
SELECTIVE REALISM

STYLIZED

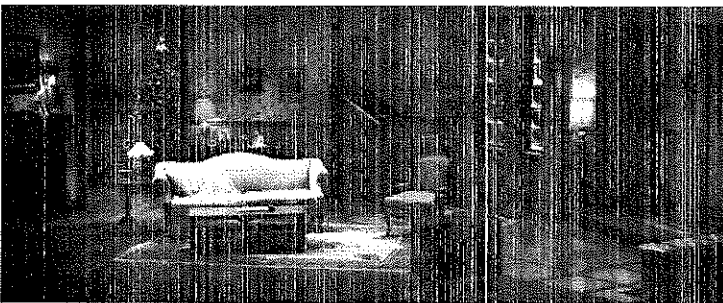
Set Design for "The Emperor's New Clothes"



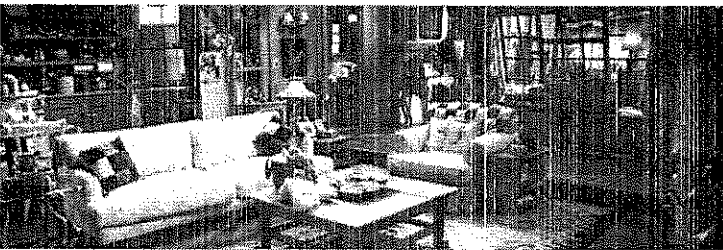
Set Design for "The Miracle Worker"



Stage Play Set of "A Christmas Story"



TV Show Set of "Friends"



Name _____ Period _____ Date _____

TECH THEATRE – CONSTRUCTION - TEST

Answer Sheet

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
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- 38. _____
- 39. _____
- 40. _____
- 41. _____
- 42. _____

BONUS:

SET DESIGN STYLE:

DEFINITION:

