SCALE and PROPORTION

The Relationship of the Size and Shapes of Objects
What Is Wrong In Each Picture?
PROPORTION

Describes the ratio of one part to another part or to the whole.
Human Proportions
The Golden Mean

A system for determining proportion devised by the Greeks.

The Golden Mean is the division of a line or form so that the smaller portion has the same ratio to the larger as the larger has to the whole.
The progression 2, 3, 5, 8, 13, 21 where each number is the sum of the two preceding numbers creates pleasing proportions.

The most pleasing proportion is 2:3
Find the Missing Dimension

SLIDING GLASS WINDOW

6'

?
Find the Missing Dimension

36”
Find the Missing Dimension

6” Base

?
Find the Missing Dimension

24”
Find the Missing Dimension

12”

?”
Find the Missing Dimension

LIVING ROOM

33'
When selecting objects for a room each part of the object should be proportional to each other and to the whole.
Is each part - arms, back, pillows and seat – proportional to each other and the whole sofa?
What Is Wrong?

Even though the scale of the chair and motorcycle are correct, they are the wrong scale for the person sitting on it.
SCALE

Relates to the absolute size of an object or space compared to other things.

Which bed is the best scale for the room it is in?
Scale

Large rooms require large scale furnishings while small rooms require small scale pieces.
To Achieve good scale choose objects that are scaled for human dimensions and the proper size for the space they occupy.
What is Wrong?

Floor Lamp

Picture

Sofa
Explain both proportion and scale by looking at this picture.
ASSIGNMENT

1. Using magazine cutouts of people, furniture, and other objects, create two collages; one illustrating UNREALISTIC proportion, and one illustrating UNREALISTIC scale.

2. Each collage will be graded on neatness as well as correctness. Mount each collage on a separate sheet of black paper.

3. Each collage should be labeled according to the principle it illustrates.
Example…Unrealistic Proportion
Example…Unrealistic Scale