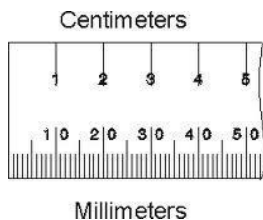


Grid Practice and Image Transfer:

1. Use Daffy Duck Below as your practice subject. Use millimeters to measure its length (top to bottom) and width (left to right) of the color portion of the picture only.



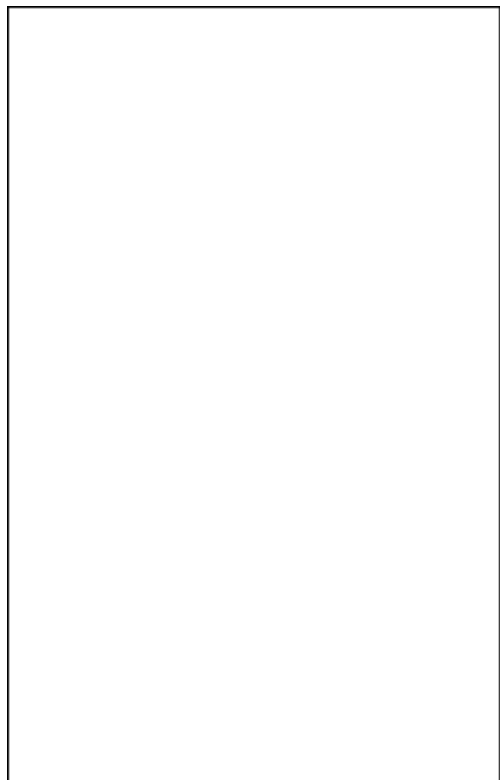
Measurements:

List the length as L= _____ mm

List the width as W= _____ mm

2. Measure and draw a grid with pencil over the color portion of Daffy Duck that makes uniform squares that measure 10 mm X 10 mm.

3. Measure and draw the same sized grid (10 X 10) over the blank space then using pencil transfer the image details of Daffy Duck square by square



Measure the Looney Tune Sample Characters provided for your scale assignment. Use millimeters to measure its length (top to bottom) and width (left to right) of the color portion of the picture only.

Measurements:

List the length as $L = \underline{\hspace{2cm}}$ mm

List the width as $W = \underline{\hspace{2cm}}$ mm

2. Looney Tune Grid

Use pencil to measure and draw a grid over the color portion of your sample character that makes uniform squares that measure 10 mm X 10 mm.

3. Enlarge your Looney Tune using 1:3.5 ratio

Calculate the dimensions of your sample character (L and W) using 1:3.5 ratio.

(L) $\underline{\hspace{2cm}} \times 3.5 = \underline{\hspace{2cm}}$ mm

(W) $\underline{\hspace{2cm}} \times 3.5 = \underline{\hspace{2cm}}$ mm

4. Measure and Enlarge a Section onto Black Paper

On a piece of black paper measure and draw a larger rectangle using the calculations above that will enlarge your sample Looney Tune Character by a 1:3.5 ratio.

5. Grid on Black Paper

Multiply your Looney Tune Grid square dimensions (10mm X 10mm) using a 1:3.5 ratio. Draw a grid that is made up of uniform squares based on your calculations.

(L) $\underline{\hspace{2cm}} \times 3.5 = \underline{\hspace{2cm}}$ mm

(W) $\underline{\hspace{2cm}} \times 3.5 = \underline{\hspace{2cm}}$ mm

6. Transfer Image details square by square using pencil

Homework: Think about this...and Write about This....

- 1) **If a T-shirt shrinks, is it a scale model of its original shape** before it was washed? (Ask you mom about how materials shrink.)
- 2) **Are enlargements of pictures on a Copy machine always scale models** of the original?
- 3) **Give some examples of how scale drawings are used in life.**