11/4 Module 2 Lessons 1/2 (Scale Drawings (Dilations) Dilation: changing the original (pre-image) to make (pre-image) to make smaller (reduction) or large (en largement) Dilation Scale Factor (dilation SF): 3 enlargement (mult-each number by 3)

$$AB' = 4.3 = 12$$
 $BC' = 6.3 = 18$
 $AC' = 10.3 = 30$
 $A' = 30$

$$\frac{AB' = 12 \rightarrow 1 = 12}{3} = 12 \rightarrow 3 = 6 + 3 = 2$$

$$\frac{BC' = 6 \rightarrow 1 = 6}{1 \rightarrow 3} = 6 + 3 = 2$$

$$AC' = 24 \rightarrow 1 = 24 - 24 + 3 = 8$$

3.25 B5.75

Not

to Scale

Timage

Module 2 1, 1/2

Name: HR:

