

GRADE 11 ESSENTIAL
UNIT H – DESIGN
SCALE FUN

MrF

Name: _____

Date: _____

1. Here is a picture of a Mustang Fastback model my dad loved.

The Actual Dimensions are:

Length 181.6 in (4,613 mm)

Width 68.2 in (1,732 mm)

Height 51.2 in (1,300 mm)

So what is the approximate scale of this model in:

a. Scale: 1 cm = _____ m

b. Scale Ratio: $\frac{1}{????}$



2. What is the (approx) scale of the lady bug in this picture?

a. 1 cm = ____ mm

b. Scale Ratio:

What is the (approx) scale of dump truck in this picture:

a. 1 cm = _____ m

b. Scale Ratio: _____

The **actual length** of this truck is 7.25 metres. The **actual length** of an adult horse (nose to base of tail) is 2.4 metres (or 7 foot 11.5 inches). The actual length of an adult ladybug (*Coccinella magnificais*): 16 mm.

3. Are the horse and the truck in the same scale? Explain:



