



MNU 4-01a

Assessment 3

Gold Level



Name: _____

Score: 5

Percentage: %

Class: _____

Outcome 1 - Tolerance Values

For each of the following tolerances, write down the minimum (min) and maximum (max) allowable sizes...



1

 $(90 \pm 10\%) \text{ m}$

2

 $(48 \pm 25\%) \text{ km}$

3

 $(80 \pm 5\%) ^\circ\text{C}$

Outcome 2 - Tolerance Notation

4

A tolerance is given as (..... ± 3.5) cm.



The minimum value allowed is 74.8 cm.

What must the maximum value be?

5

A tolerance is given as (..... ± 0.8) secs.

The maximum value allowed is 18.4 secs.

What must the minimum value be?