\_\_\_\_\_\_\_\_\_LT: I can calculate the mathematics used to build my mobile (algebra method). Teacher name: Abby Shana

Your name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 $M=F×D$

 M1 = M2

 d1w1 = d2w2

Group member #1\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Group member #2\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**MY Mobile**

\_\_\_\_\_\_\_\_\_\_ cm

Weight #

1 or 2 or 3

Weight #

1 or 2 or 3

Weight #

1 or 2 or 3

Using the fact that M1 = M2, solve for x.

\_\_\_\_\_\_\_\_\_g

\_\_\_\_\_\_\_\_\_\_\_g

\_\_\_\_\_\_\_\_g

M2 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

M1 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_