

PULLEYS, FORCE AND DISTANCE,
Part A

Amelia Straight

NAME:

5-3-08

DATE:

INSTRUCTIONS: Pull rope straight down at Point A and record force at W1 and W2.

When you are using a pulley the weight on the bottom = to the weight on top.

FORCE DATA

W1 (g)	W2 (g)	W2/W1
100g	200g	2.0
200g	400g	2.0
300g	600g	2.0
400g	800g	2.0

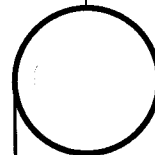
100g
÷ 200g

2.00

W2

200
400
600
800
W2

W1	W3
100g	100g
200g	200g
300g	300g
400g	400g



Pulley

W1

Point A
PULL DOWN

W3
100

W1
100

200 200
300 300
400 400
~~500 500~~