

Name: \_\_\_\_\_

Direction: Calculate the Work from the following problem.

1. A dancer lifts a 400 N ballerina 1.4 m overhead. How much work is done on the ballerina?

Formula :  $W = f \times d$

Answer= \_\_\_\_\_

2. How much work is done if a person lifts a barbell weighing 450 N to a height of 2m?

Formula :  $W = f \times d$

Answer= \_\_\_\_\_

3. What work is done by a forklift raising 583 kgs. Of frozen turkeys 1.2 km?

Formula :

= 583 kg = \_\_\_\_\_ N

$W = f \times d$

Answer= \_\_\_\_\_