!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head>

<title>Part 1 Results</title>

<link rel="stylesheet" type="text/css" href="pr1.css"/>

</head>

<body>

<?php date\_default\_timezone\_set('America/New\_York');?>

<div class="header">

<label>Metabolic Equivalents Energy Expended </label>

</div>

<div class="body">

<?php

$weight = $\_POST['weight'];

$runningduration = $\_POST['runningduration'];

$basketballduration = $\_POST['basketballduration'];

$sleepduration = $\_POST['sleepduration'];

define("RUNNINGMETS",10);

define("BASKETBALLMETS",8);

define("SLEEPINGMETS",1);

function calculate($w,$met,$r){

$result = 0.0175 \* $met \* $w / 2.2 \* $r;

return (int)$result;

}

function calculatehr($w,$met,$r){

$result = 60 \* $r \* 0.0175 \* $met \* $w / 2.2;

return (int)$result;

}

$runcalc = calculate($weight,RUNNINGMETS,$runningduration);

$baskcalc = calculate($weight,BASKETBALLMETS,$basketballduration);

$sleepcalc = calculatehr($weight,SLEEPINGMETS,$sleepduration);

?>

For a <?php echo $weight;?> pound person, it is estimated that:<br /><br />

<p>

<?php echo $runcalc;?> calories were burned running<br />

<?php echo $baskcalc;?> calories were burned playing basketball<br />

<?php echo $sleepcalc;?> calories were burned sleeping

</p>

</div>

<div class='footer'>

Total calories expended: <?php echo $runcalc+$baskcalc+$sleepcalc;?>

</div>

</form>

<div class="f">

<?php echo "Last Modified: " . date("H:i M j, Y T | ", getlastmod()) . "<a href=\"part1.html\"> Return to form page</a>" ;?>

</div>

</body>

</html>