

## University Physics I

### Answer Sheet – Homework Set 4

Questions beginning with \*\* do not have answers on this sheet.

$2438 \text{ m/s}^2$	$- 0.447 \text{ m/s}^2$
$11.8 \text{ m}$	$- 3 \text{ m/s } \hat{x}$ or $3 \text{ m/s}$ left
$.001 \text{ s}$	$72 \text{ m/s}$
$250 \text{ km}$	$4 \text{ m/s}$
$6.6 \text{ m/s}$	$1.097 \text{ m}$
$675 \text{ m/s}^2$	$0.067 \text{ s}$
$1.7 \text{ m}$	$- 600,000 \text{ m/s}^2$
$648 \text{ m}$	$0.387 \text{ s}$
$18 \text{ s}$	$0.82 \text{ m}$ or $82 \text{ cm}$
$6.8 \text{ m/s}$	$2.56 \text{ m}$