

## University Physics II

### Answer Sheet – Homework Set 13

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

|                                   |                 |
|-----------------------------------|-----------------|
| 78.6 Hz                           | 1.3 Hz          |
| 1.31 <i>m</i>                     | 1.14 <i>m</i>   |
| 492.9 Hz                          | 3532 Hz         |
| 102 kHz                           | 23.2 <i>m/s</i> |
| 0.193 <i>m</i>                    | 262.2 Hz        |
| 157.2 Hz                          | 0.096 <i>s</i>  |
| 10.4 Hz                           | 0.255 <i>s</i>  |
| 2 <sup>nd</sup>                   | 40 <i>cm</i>    |
| 235.8 Hz                          | 2.53 <i>g</i>   |
| 314.4 Hz                          | 0.5 <i>m</i>    |
| 768.8 N                           | 6.2 MHz         |
| $4.9 \times 10^{-3} \text{ kg/m}$ | 1.93 <i>cm</i>  |
| 2                                 | 5.2 <i>m/s</i>  |
| None                              | 23.2 <i>m/s</i> |
| 349.4 <i>m/s</i>                  | 18.5 <i>g</i>   |
| 2.22 <i>mm</i>                    | 1.31 <i>m</i>   |
| 120 Hz                            | 90.1 <i>m</i>   |
| 0.327 <i>m</i>                    | 1.4 <i>cm</i>   |
| 8.19 <i>cm</i>                    |                 |