

## Answers to HW08: Word Problems

- |   |                             |                               |                   |
|---|-----------------------------|-------------------------------|-------------------|
| 1) $2q = 36$                                | 2) $t + 11 = 23$            | 3) $y^3 = 13$                 | 4) $\frac{55}{5}$ |
| 5) $3 + 10$                                 | 6) $n^3 = 28$               | 7) $23 - x$                   | 8) $\frac{n}{2}$  |
| 9) the difference of k and 4 is equal to 20 | 10) half of 18              | 11) k divided by 7            |                   |
| 12) m times 5                               | 13) 3 less than p is 16     | 14) the difference of w and 6 |                   |
| 15) the product of a number and 10 is 26    | 16) n decreased by 10 is 48 |                               |                   |
| 17) 18 muffins                              | 18) 8 packs of batteries    | 19) \$18.70                   |                   |
| 20) 5 packs of batteries                    | 21) 200 square feet         | 22) 7 boxes                   |                   |
| 23) 560 square feet                         | 24) 13 years old            | 25) \$63                      | 26) \$60          |
| 27) 30 muffins                              | 28) \$86.40                 | 29) 3 packages                | 30) \$2.89        |