

Name: \_\_\_\_\_  
**MATH 101**  
**Spring 2022**  
**HW 5: Due 02/22**

*“People waste their time pondering  
whether a glass is half empty or half full.  
Me, I just drink whatever’s in the glass.”  
– Sophia Petrillo, The Golden Girls*

**Problem 1.** (10pt) Compute the following:

- (a) 45% of 160
- (b) 90% of 18
- (c) 170% of 850
- (d) 1% of 55

**Problem 2.** (10pt) Compute the following:

- (a) 690 increased by 35%
- (b) 1200 decreased by 55%
- (c) 44 increased by 126%
- (d) 107 decreased by 99%

**Problem 3.** (10pt) Suppose you invest \$600 in an account which gains 1.3% interest per year, compounded quarterly. How much will be in the account after 30 years?

**Problem 4.** (10pt) Convert the following:

(a)

(b)

(c)

(d)