

Name: \_\_\_\_\_

Date: \_\_\_\_\_

### Math 3B Practice Set 1

1. (a) 10 yd 2 ft = \_\_\_\_\_ ft  
(b) 7 ft 10 in. = \_\_\_\_\_ in.  
(c) 26 in. = \_\_\_\_\_ ft \_\_\_\_\_ in.  
(d) 4 yd - 3 yd 1 ft = \_\_\_\_\_ ft
2. Add/subtract in compound units.  
(a) 3 ft 9 in. + 11 in. = \_\_\_\_\_ ft \_\_\_\_\_ in.  
(b) 12 yd 2 ft + 18 yd 2 ft = \_\_\_\_\_ yd \_\_\_\_\_ ft  
(c) 18 yd 1 ft - 6 yd 2 ft \_\_\_\_\_ yd \_\_\_\_\_ ft  
(d) 7 ft 3 in. - 2 ft 11 in. = \_\_\_\_\_ ft \_\_\_\_\_ in.
3. Put >, <, or = in the circles.  
(a) 1 mile ○ 5920 ft  
(b) 1 inch ○ 1 centimeter  
(c) 1 yard ○ 36 inches
4. Add or subtract in compound units.  
(a) 5 lb 5 oz - 6 oz = \_\_\_\_\_ lb \_\_\_\_\_ oz  
(b) 3 kg 100 g + 1 kg 900 g = \_\_\_\_\_ kg \_\_\_\_\_ g  
(c) 4 kg 250 g - 1 kg 500 g = \_\_\_\_\_ kg \_\_\_\_\_ g
5. A sack of potatoes weighs 160 oz. Write the weight in pounds.
6. A can of soup weighs 15 oz. What is the total weight of 2 cans of soup in pounds and ounces?
7. The total weight of two watermelons is 20 lb. The larger watermelon weighs 13 lb 9 oz. What is the weight of the smaller watermelon?
8. Two packages of cheese and a box of crackers together weigh 3 lb. The box of crackers alone weighs 1 lb 12 oz.
  - (a) How much does one package of cheese weigh?
  - (b) If Mary paid \$2 for the two packages of cheese, what is the cost of 1 oz of cheese?