2015 Math 3B Midterm Examination

Name:_____ **Score:** _____

1. Mental Calculation (2 points ×8＝16 points)

59＋28＝   34＋76＝

85－27＝   90－41＝

200×5＝   700×4＝

640÷8＝   4200÷7＝

2. Units of Length (2 points each ×12＝24 points)

2 m 58 cm ＝_____ cm   13 m 20 cm ＝_____ cm

4 km 206 m ＝_____ m   5 km 6 m ＝_____ m

4 ft ＝_____ in   7 ft 11 in ＝ _____ in

3 yd 2 ft ＝_____ ft   5 yd 1 ft ＝ _____ ft

208 cm ＝_____ m _____ cm   520 cm ＝_____ m _____ cm

8048 m ＝_____ km _____ m   1200 m ＝_____ km _____ m

3. Units of Weight (2 points each ×8＝16 points)

3 lb ＝_____ oz   2 lb 7 oz ＝_____ oz

2 kg 300g ＝_____ g   50 kg 60g ＝_____ g

18 oz ＝_____ lb _____ oz   56 oz ＝_____ lb _____ oz

2500 g ＝_____ kg _____ g   5060 g ＝_____ kg _____ g

4. Units of Capacity (2 points each ×4＝8 points)

3 l 320 ml ＝ _____ ml 5 l 82 ml ＝ _____ ml

3520 ml ＝ _____ l_____ ml 2026 ml ＝ _____ l_____ ml

5. *Write the missing numbers* (2 points×6＝12 points)

3 km 490 m ＋ 3 km 230 m＝ _____km _____m

2 ft 8 in ＋ 1 ft 3 in＝ _____ft _____in

2l550 ml ＋630 ml＝ _____l _____ml

3 m 40 cm －68 cm＝_____m _____cm

2 yd 1 ft －2 ft＝_____yd _____ft

3 lb 6 oz －1 lb 12 oz＝_____lb _____oz

6. *Word Problems* (24 points)

(1) John weighs 34kg 600g. He is 800g heavier than Tom. What is Tom's weight? (5 points)

(2) A pumpkin weights 8 lb 3oz. A watermelon weights 9lb 12 oz.

a. What is the total weight of the pumpkin and the watermelon? (5 points)

b. What's the difference in weights between the pumpkin and the watermelon? (4 points)

(3) The total weight of 2 footballs and 5 tennis balls is 1kg. Each tennis ball weighs 60g. The 2 footballs are of the same weight. What's the weight of each football? (5 points)

(4) The distance between Mary's house and school is 3 km 120 m. The distance between the library and Mary's house is 1km750m. What is the distance between the library and the school? (5 points)