

Name: _____

1. The perimeter of a rectangular park is 550 m. The length is 35 m longer than the width. Find the length and width of the park

length	
width	

2. Polly is 28 years older than her daughter Molly. Polly's mother Dolly is four times Molly's age. The sum of their three ages is 130. How old is Molly?

3. Byron found that one dozen eggs weighed the same as five apples. He also found that two eggs and 22 grams weighed the same as one apple. Find the mass of an egg and an apple.

egg	
apple	

4. Danni and Tarkyn work at a restaurant. Danni cooks and Tarkyn washes. A cook gets paid \$6 more an hour than a washer. In one week Danni works 15 hours and Tarkyn works 20 hours. They earn a total of \$755. What is the hourly pay rate of each person?

Danni	
Tarkyn	

5. Janice had a water tank with two different sized taps. If she used tap A the tank would empty in 6 hours. If she used tap B the tank would empty in 3 hours. How long would it take the tank to empty if both taps were open?

6. Higgs had two paddocks of cows. He knew that the cows in paddock A ate 20% more food than the cows in paddock B. He wanted to distribute 110 kg of food so that the cows in both paddocks would finish the food at the same time. How much food should he put in each paddock?

paddock A	
paddock B	