RATIOS AND PROPORTION PRACTICE

1. A friendly alien has 7 eyes and 6 tentacles. How many eyes will there be on 15 aliens?

2. At a bulk store, 3 kg of fuzzy peach candy costs $10.75. How much does 1 kg cost?

3. Frozen concentrated orange juice requires 4 cans of water for every can of concentrate. How many cans of water do you need for 2.5 cans of concentrate?

4. You drive for 3.5 hours at 90 km/hour. How far did you go?

5. You can buy 6 cans of soda for $2.50. How many can you buy for $10?

6. One scoop of ice cream has 22 chocolate chips and 17 peanuts. How many chocolate chips are there in a bowl with 102 peanuts?

7. A grocery store sells 3.5 times more mangoes than cantaloupes. If it sells 17 mangoes, how many cantaloupes will it sell?

8. My cake recipe requires 3 eggs, 2 cups of flour, and 1.5 cups of sugar. How many eggs will I need to make a cake with 6 cups of sugar? 6 cups of flour?

9. Two maple trees can produce 34 L of sap. How many maple trees will it take to produce 70L of sap?

10. Paul's car uses 7 L of gas for every 100 km of highway driving. How many liters of gas will it take to drive 472 km?

11. John burns 152 calories in half an hour of running. How many calories does be burn running for 2 hours?

12. Kate's favourite chocolate bar weighs 100 g. One 43-gram serving has 230 calories. How many calories will she have consumed once she's eaten the whole bar?

13. Two Oreo cookies have a total of 90 calories. One bag of Oreos contains 36 cookies. How many calories are in the whole bag?

14. Water flows through a culvert at a rate of 8 L/minute. How many liters flow through the culvert in 2.5 hours?

15. In a grade 2 class, the ratio of boys to girls is 6:5. If there are 10 girls, how many boys are there?

16. A farmer can produce 6750 kg of coffee on his 2.5 acre farm. How much more land would he need to produce 10,500 kg of coffee?

17. There are 7 black jelly beans for every 9 red jelly beans in a bag. How many black jelly beans are there for every 126 delicious red ones?