**Grade Eight Review for Final – Unit 3**

**Multiple Choice Section**

1. What is the best estimate for ?

A) 48 B) 50 C) 52 D) 54

2. Tim has a piece of rope  m long. If he cuts it into pieces each  m in length, how many pieces will he have?

A) 11 B) 12 C) 13 D) 14

3. In Zoe’s class,  of the students have brown eyes.  of these students have brown hair. What fraction of the class has brown eyes and brown hair?

A)  B)  C)  D) 



4. What is the best estimate for ?

A)  B)  C) 3 D) 4

5. Charlie bought 8 cans of apple juice at the store. Each can contained L of juice. How many litres of apple juice did Charlie buy?

A)  B)  C)  D) 

6. Calculate.



A)  B)  C)  D) 24

7. Christina has  of lemonade. She wants to divide it equally between her four friends. How much lemonade will each friend receive?

A)  B)  C)  D) 

8. Divide.

A)  B)  C)  D) 

9. In Bill’s math class there are 24 students and  are girls. How many girls are in Bill’s math class?

A) 4 B) 8 C) 12 D) 16

|  |  |  |
| --- | --- | --- |
| 10. | What is the reciprocal of? | |
|  |  | |
|  | A) |  |
|  | B) |  |
|  | C) |  |
|  | D) | 5 |
|  |  | |

11. Which diagram illustrates the solution to?



A)



B)



C)



D)

**LONG ANSWER SECTION**



12. Evaluate. Express your answer in lowest terms.

13. a) Simplify: 

b) Six friends bought 3 pizzas. Each person ate  of a pizza. How much pizza was left over?

14. Simplify 

15. Simplify