

**Labrador School Board  
Grade 7 Mathematics  
District Assessment  
June 14<sup>th</sup>, 2013**

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

Teacher: \_\_\_\_\_

**Section 1: Non-Calculator Section**

You are **not permitted** to use a calculator. You are permitted to use any math manipulatives that your teacher has used with you this year.

**NOTE: Please remove the last sheet from this section and put your name on it. You will use it to circle your choices for the “Selected Response” questions in both Section 1 and Section 2. This sheet needs to be passed back to your teacher when you are finished the exam along with Sections 1 and 2.**

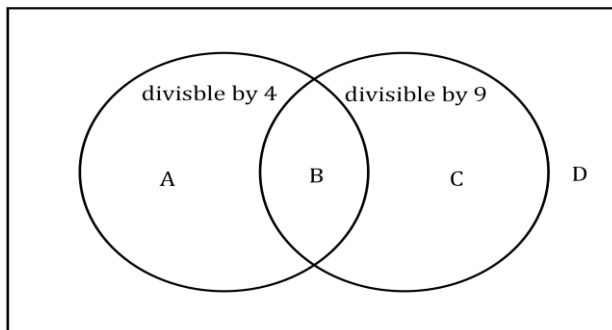
Questions 1-15 (Selected Response): These are worth 1 mark each. Even though you have to choose an answer, you may have to work things out on scrap paper.

Questions 1-2 (Constructed Response): Answers are to be done in the spaces provided. Students are reminded to show **all** steps/calculations since credit may be given for incomplete or partially correct solutions. **Numerical answers without workings/explanation will not merit full credit.** Your teacher will collect Section 1 when you are finished and will then give you Section 2.

This is not a timed-test. You are allowed enough time to complete all items.

**Section 1 – Selected Response: Circle your responses on the answer sheet provided.**

1. In which section should the number 648 be placed in the Venn diagram?



- A) Section A  
B) Section B  
C) Section C  
D) Section D
2. Evaluate for  $k = 6$ :  $3k + 6$
- A) 8  
B) 9  
C) 15  
D) 24
3. Calculate:  $(+6) + (-12)$
- A) -18  
B) -7  
C) -6  
D) -2
4. Calculate:  $(-7) - (-8)$
- A) -15  
B) -1  
C) +1  
D) +15

5. What is 12% as a decimal?

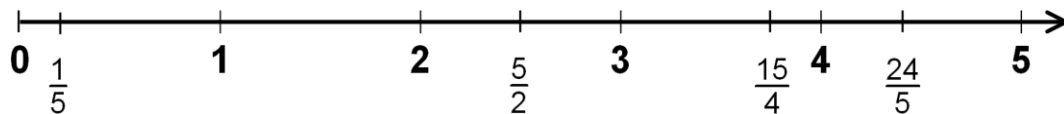
- A) 0.012
- B) 0.12
- C) 1.2
- D) 12.0

6. Which fraction would produce a repeating decimal?

$$\frac{1}{3} \quad \frac{3}{4} \quad \frac{4}{5} \quad \frac{9}{10}$$

- A)  $\frac{1}{3}$
- B)  $\frac{3}{4}$
- C)  $\frac{4}{5}$
- D)  $\frac{9}{10}$

7. Which fraction is **incorrectly** placed on the number line?



- A)  $\frac{1}{5}$
- B)  $\frac{5}{2}$
- C)  $\frac{15}{4}$
- D)  $\frac{24}{5}$

8. Calculate:  $5.4 \div (0.8 - 0.2)$

- A) 0.6
- B) 0.9
- C) 6
- D) 9

9. Calculate:  $\frac{3}{8} + \frac{2}{8}$

- A)  $\frac{5}{16}$
- B)  $\frac{5}{8}$
- C)  $\frac{3}{4}$
- D)  $\frac{10}{11}$

10. Calculate:  $\frac{19}{15} - \frac{14}{15}$

- A)  $\frac{1}{8}$
- B)  $\frac{1}{5}$
- C)  $\frac{1}{4}$
- D)  $\frac{1}{3}$

11. Calculate:  $\frac{8}{9} - \frac{1}{3}$

A)  $\frac{5}{9}$

B)  $\frac{5}{8}$

C)  $\frac{7}{9}$

D)  $\frac{7}{6}$

12. Calculate:  $\frac{2}{3} + \frac{3}{4}$

A)  $\frac{5}{12}$

B)  $\frac{5}{7}$

C)  $1\frac{5}{12}$

D)  $1\frac{7}{12}$

13. Solve for  $w$ :  $w + 6 = -2$

A) -8

B) -7

C) -4

D) -3

14. Which equation has a solution  $x = 4$  ?

A)  $2x + 1 = 10$

B)  $2x + 3 = 11$

C)  $3x = 7$

D)  $8x = 2$

15. Solve for  $x$ :  $\frac{x}{7} = 3$

- A) 10
- B) 21
- C) 22
- D) 28

**Section 1 -Constructed Response: Answers are to be done in the spaces provided. Show all necessary workings.**

1. A) Use a model (i.e. number line, integer tiles, etc.) to determine:

$$(-3) + (-7) \qquad [1 \text{ mark}]$$

B) Use a model (i.e. number line, integer tiles, etc.) to determine:

$$(+5) - (+9) \qquad [1 \text{ mark}]$$

2. This past week, Mark practised piano for  $3\frac{1}{2}$  hours, played soccer for  $6\frac{5}{6}$  hours, and talked on the phone for  $4\frac{1}{3}$  hours.

A) How many hours did Mark spend practising piano and playing soccer? Write your answer as a fraction in simplest form. [2 marks]

B) How many more hours did Mark spend playing soccer than talking on the phone? Write your answer as a fraction in simplest form. [2 marks]

# End of Section 1

**Section A**  
**No Calculator Permitted**

- 1. A B C D
- 2. A B C D
- 3. A B C D
- 4. A B C D
- 5. A B C D
- 6. A B C D
- 7. A B C D
- 8. A B C D
- 9. A B C D
- 10. A B C D
- 11. A B C D
- 12. A B C D
- 13. A B C D
- 14. A B C D
- 15. A B C D

**Section B**  
**Calculator Permitted**

- 16. A B C D
- 17. A B C D
- 18. A B C D
- 19. A B C D
- 20. A B C D
- 21. A B C D
- 22. A B C D
- 23. A B C D
- 24. A B C D
- 25. A B C D

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

**Teacher:** \_\_\_\_\_