

**Review for Grade 9 Math Exam - Unit 6 - Linear Equations and Inequalities****Multiple Choice**

Identify the choice that best completes the statement or answers the question.

- \_\_\_\_\_ 1. Solve:  $5x - 15 = 3$   
 a.  $\frac{46}{3}$                       b. 9                      c. -2                      d. 2
- \_\_\_\_\_ 2. Solve:  $5 = -3x + 14$   
 a.  $-\frac{19}{3}$                       b. 3                      c. -3                      d.  $\frac{19}{3}$
- \_\_\_\_\_ 3. Solve:  $4x + 2.8 = 6.4$   
 a. -1.2                      b. -0.4                      c. 5.7                      d. 0.9
- \_\_\_\_\_ 4. Solve:  $\frac{x}{7} - 4 = 5$   
 a. 39                      b. 2                      c. 63                      d. 33
- \_\_\_\_\_ 5. Write an equation for this statement: A number divided by 2, plus 5, is 8.  
 a.  $\frac{x+5}{2} = 8$                       b.  $\frac{x}{2} = 5 + 8$                       c.  $\frac{x}{2} + 5 = 8$                       d.  $\frac{x}{2} + 5 = 3$
- \_\_\_\_\_ 6. Solve:  $3(x + 5) = 12$   
 a.  $\frac{7}{3}$                       b. -6                      c. -1                      d. 4
- \_\_\_\_\_ 7. A number times 5, minus 6, is 8. Write an equation to determine the number.  
 a.  $6 - 5x = 8$                       b.  $5x - 6 = 8$                       c.  $5 - 6x = 8$                       d.  $6x - 5 = 8$
- \_\_\_\_\_ 8. Solve:  $13 - 4x = 3x - 8$   
 a.  $x = -3$                       b.  $x = \frac{1}{3}$                       c.  $x = -\frac{1}{3}$                       d.  $x = 3$
- \_\_\_\_\_ 9. Solve:  $3(5g - 4) = 2(4g + 6)$   
 a.  $g = -3\frac{3}{7}$                       b.  $g = \frac{7}{24}$                       c.  $g = -\frac{7}{24}$                       d.  $g = 3\frac{3}{7}$

# Grade 9 November 2014 Math Exam Questions

**Sabine Zange**

A decorative graphic element consisting of a light blue horizontal bar with a rounded right end, and a red-to-white gradient semi-circle on the right side of the bar.

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## Unveiling the Magic of Words: A Report on "**Grade 9 November2014 Math Exam Questions**"

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