# Practice SpringBoard—Algebra 1 Study Guide

1. 2x-6=16

3r - 5 + 2r = -#

3. 8x + 9 = 2x - 8

4. = 8

5. 4x - (3 - 7x) = -7 + 3x

6. 3(x-4)+4x=-6x-7

7.  $\frac{1}{4}x - 5 = \frac{3}{4}x + 3$ 

8.  $\frac{1}{8}x + 9 = -5 - \frac{8}{8}x$ 

Bydney was in charge of ficket sales for the upcoming track meet. The cost of fickets was \$4 for students and \$5 for adults. They collected \$780 from ficket sales. There were a total of 220 fickets said.

- We will use a for the amount of student fickers sold. Wife an expression for the amount of adult fickers sold.
- 10. Write an equation to determine the value of x.
- 11. Solve the equation to determine how many students attended.
- 12. How more adults attended #

# **Springboard Algebra 1 Unit 22 Answer Key**

**L** Towne

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