Mathematics
Power Standard 8:9
Pretest Scoring Guide

1. B

2. A

3. $\frac{12}{15} = \frac{4}{5} = 0.8 = 80\%$

   3 points: Exemplary response; correct fraction in simplest form, correct decimal, and correct percent.

   2 points: 2 of the above criteria correct

   1 point: 1 of the above criteria correct

   0 points: none of the above criteria correct

4.

   W = 2 l

   P = 2 l + l + 2 l + l = 18
       6 l = 18
         l = 3 "
         w = 6 "

   3 points: Exemplary response; correct visual model, correct equation, and correct length and width
   2 points: 2 of the above criteria correct
   1 point: 1 of the above criteria correct

0 point: none of the above criteria correct

5. $x + x + 1 = 27$

   $2x + 1 = 27$

   $2x = 26$

   $X = 13, x + 1 = 14$

   3 points: Exemplary response; correct equation, 13 correct, 14 correct

   2 points: 2 of the above criteria correct

   1 point: 1 of the above criteria correct

   0 point: none of the above criteria correct

6. $6x + -2 + 2x = -2 + 4x + 8$

   $8x - 2 = 4x + 6$

   $4x = 8$

   $X = 2$

   2 points: Exemplary response; correct work and correct answer

   1 point: correct work or correct answer, but not both

   0 point: neither work nor answer is correct