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

1. x + x + 1 = 27

 2 x + 1 = 27

 2 x = 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

1. 6x + -2 + 2x = -2 + 4x + 8

 8 x – 2 = 4 x + 6

 4 x = 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