Mathematics

Power Standard 8:9

Summative Scoring Guide

1. C
2. D
3. $\frac{22}{24}$= $\frac{11}{12}$= 0.917 = 91.7 %

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

1. x + x + 3 + 2x + 4 = 27

 4 x + 7 = 27

 4 x = 20

 X = 5, x + 3 = 8, 2 x + 4 = 14

 Answer: 5 inches, 8 inches, and 14 inches



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 = 39
	1. x + 1 = 39

2 x = 38

X = 19, x + 1 = 20

Answer: 19 and 20

 3 points: Exemplary response; correct equation, 19 correct, 20 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. Solve: show work

100x + -89x = 121

11 x = 121

X = 11

 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