

Changes in Assessment Items Over Time

Louisiana is transitioning to the PARCC assessments in 2014-15 which will fully test the Common Core State Standards. In anticipation of this assessment, the LEAP and iLEAP will be more rigorous in 2013-14. This document illustrates how assessment questions around the same mathematical concept will change in 2013-14 and then in 2014-15.

8.EE.C.7b Solve linear equations in one variable. b. Solve linear equations with rational number coefficients, including equations whose solutions require expanding expressions using the distributive property and collecting like terms.

2014-2015 Sample PARCC-like Item: Reflecting the Scope and Depth of the CCSS

Practice standards:

2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.

Show how to solve this equation for x .

$$3(2x - 5) + 9 = 12$$

Drag selected equations to the Solution Steps column and place them in the correct order under the given equation. You must show at least 4 steps in the correct order to receive full credit. Leave unneeded equations in the Equations column.

Equations	
$2x - 2 = 4$	$x = 3$
$6x = 18$	$6x - 15 + 9 = 12$
$3(2x - 5) = 3$	$2x - 5 + 3 = 4$
$2x - 5 = 1$	$6x - 6 = 12$
$2x = 6$	$6x - 15 = 3$

Step	Solution Steps
Given	$3(2x - 5) + 9 = 12$
1	
2	
3	
4	
5	

RESET

2013-14 Sample Item: Reflecting the Scope, but not the Depth of the CCSS

Paula currently has x pencils. She determines that buying 8 more pencils will give her the same number of pencils as if she bought 2 more and then doubled the amount of pencils she has. The equation shown represents this situation.

$$x + 8 = 2(x + 2)$$

How many pencils does Paula currently have?

- A. 2 pencils
- B. 4 pencils *
- C. 6 pencils
- D. 14 pencils

*correct answer

2012-2013 Sample Item: Reflecting Neither the Scope, nor the Depth of the CCSS

If $n + n + n = 60$, what is the value of n ?

- A. 6
- B. 10
- C. 15
- D. 20*

*correct answer