Inspiring Greatness

INDEPENDENCE SCHOOL DISTRICT

Math Virtual Learning

Algebra 1 S1

Review for Unit A

May 20, 2020

Algebra I S1
Lesson: May 20, 2020

Objective/Learning Target:
Student will review Unit A concepts

BELL RINGER

Translate from exponential to Roots and Powers:

1. $8^{2/3} =$

2. $25^{3/2}$

3. $32^{3/5}$

BELL RINGER - Solutions

1. $8^{2/3} = (\sqrt[3]{8})^2 = 2^2 = 4$

2. $25^{3/2} = (\sqrt{25})^3 = 5^3 = 125$

3. $32^{3/5} = (\sqrt[5]{32})^3 = 2^3 = 8$

Review for Unit A

Practice 1

Activity - Graphing Inequalities

Review for Unit A

Multiple Choice

Identify the choice that best completes the statement or answers the question.

What is the solution of the following one-step equation?

____ 1. $x - 0.7 = -2$

a. -1.3 b. -0.4 c. 0.77 d. -0.77

Solve the equation.

____ 2. $3y + 20 = 3 + 2y$

a. $-\frac{1}{17}$ b. $7\frac{2}{3}$ c. 23 d. -17

____ 3. $0.125r - 0.0625 + 0.25r = 0.25 + r$

a. -0.28 b. 0.23 c. -0.5 d. -0.3

____ 4. $-5y - 9 = -(y - 1)$

a. $-\frac{1}{2}$ b. $-2\frac{1}{2}$ c. -2 d. $-\frac{2}{5}$

Review for Unit A - Solutions

Answer Section

MULTIPLE CHOICE

1. ANS: A PTS: 1 DIF: L3 REF: 1-4 Solving Equations
   OBJ: 1-4.1 To solve equations TOP: 1-4 Problem 2 Solving a Multi-Step Equation
   KEY: equation | solution of an equation | inverse operations DOK: DOK 1
2. ANS: D PTS: 1 DIF: L2 REF: 1-4 Solving Equations
   OBJ: 1-4.1 To solve equations TOP: 1-4 Problem 2 Solving a Multi-Step Equation
   KEY: equation | solution of an equation | inverse operations DOK: DOK 1
3. ANS: C PTS: 1 DIF: L3 REF: 1-4 Solving Equations
   OBJ: 1-4.1 To solve equations TOP: 1-4 Problem 2 Solving a Multi-Step Equation
   KEY: equation | solution of an equation | inverse operations DOK: DOK 1
4. ANS: B PTS: 1 DIF: L2 REF: 1-4 Solving Equations
   OBJ: 1-4.1 To solve equations TOP: 1-4 Problem 2 Solving a Multi-Step Equation
   KEY: equation | solution of an equation | inverse operations DOK: DOK 1