مدارس الإمارات الوطنية
Emirates National Schools

International Baccalaureate

Date: _____

Topic: Intervention - Solving Linear Equations

Criterion A

Learning Targets

By the end of this lesson, I can ...
Solve linear Equations.

Vocabulary:

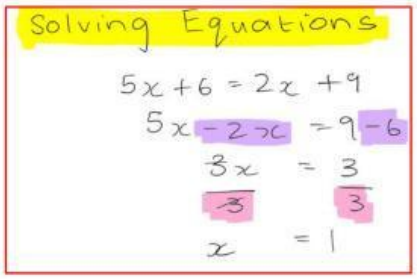
Equations, Inverse operation.

Pre-learning Activity:

Simplify the following expressions:

$$\frac{2x + 3x + 4}{2s - (3z + 4s) - 1}$$

Key Concept/s:



Paired work:

1.) Solve the following equation:
$3x + 5 - 2x = 6x - 10$

2.) You are working a part-time job that pays you AED12 per hour. You also receive a weekly stipend of AED50 from your parents. If you earned a total of AED290 last week, how many hours did you work?

Equation:

$50 + 12x = 290$

LIVEWORKSHEETS

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Express – Independent Practice

Real Life Application **Solve the following problem and check your answer:** You are baking cookies for a bake sale. Each batch of cookies requires 3 cups of flour. You have a total of 24 cups of flour. How many batches of cookies can you bake? Equation: $3x = 24$	**Gifted & Talented** Solve the following equations and check your answers: a.) $5(x-3) = 45$ b.) $6x + 11 = -(6x + 5)$
On Average Solve the following equations: a.) $x + 5 = -2$ b.) $3x = 24$	**Challenge** Solve the following equations and check your answers: a.) $3x = 15$ b.) $-3x - 21 = 9$

Exit Ticket:

REFLECT
What did you learn in the lesson?
What are you still struggling with?

LIVEWORKSHEETS