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Grades

6-8

Handout

1

Getting Started with Imagine Learning IM

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Handout 1: Unit Landing Page
Let's explore a unit landing page.

Grade 6	**Grade 7**	**Grade 8**
Unit 6	**Unit 6**	**Unit 4**
Expressions and Equations	Expressions, Equations, and Inequalities	Linear Equations and Linear Systems

Directions: Explore the Unit Overview and Additional Resources.
Use the provided questions to guide your team's discussion.

Unit Landing Page Resources			
		I can find it.	I know what it is for.
Unit Learning Goals	What's the learning goal?		
End-of-Unit Assessment	How would you use this resource to plan before and after a unit? What are the benefits of having print and digital versions?		
Unit Launch Videos	What information in the launch videos did you find most helpful? How might the video help you anticipate student responses on the end-of-unit assessment?		
Additional Resources	Which resources do you consider the most helpful? Which resources do you want to spend more time exploring?		

Handout 1: Lesson Plan

Let's explore a lesson plan.

Grade 6	**Grade 7**	**Grade 8**
Unit 6 **2nd Section** **Lesson 8**	**Unit 6** **2nd Section** **Lesson 10**	**Unit 4** **2nd Section** **Lesson 5**
Equal and Equivalent	Different Options for Solving One Equation	Solving Any Linear Equation

Directions: Review each tab.

Use the provided questions to guide your team's discussion.

Lesson Plan Resources		I can find it.	I know what it is for.
Lesson Tab	What do you notice about the teaching notes?		
Materials Tab	How do these materials support the lesson's learning goals?		
About this Lesson Tab	What information do you find most useful? Why?		

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Handout 1: Cool-downs

Let's complete a cool-down.

Grade 6: Unit 6

Lesson 8: Equal and Equivalent

Cool Down: Decisions About Equivalence

Decide if the expressions in each pair are equivalent. Explain how you know.

1. $x + x + x + x$ and $4x$

2. $5x$ and $x + 5$

Grade 7: Unit 6

Lesson 10: Different Options for Solving One Equation

Cool Down: Solve Two Equations

Solve each equation. Show or explain your method.

1. $8.88 = 4.44(x - 7)$

2. $5\left(y + \frac{2}{5}\right) = \text{-}13$

Grade 8: Unit 4

Lesson 5: Solving Any Linear Equation

Cool Down: Check It

Noah wanted to check his solution of $x = \frac{14}{5}$ for the equation $\frac{1}{2}(7x - 6) = 6x - 10$.
Substituting $\frac{14}{5}$ for x, he writes the following:

$$\frac{1}{2}\left(7\left(\frac{14}{5}\right) - 6\right) = 6\left(\frac{14}{5}\right) - 10$$
$$\left(7\left(\frac{14}{5}\right) - 6\right) = 12\left(\frac{14}{5}\right) - 20$$
$$5\left(7\left(\frac{14}{5}\right) - 6\right) = 5\left(12\left(\frac{14}{5}\right) - 20\right)$$
$$7 \cdot 14 - 6 = 12 \cdot 14 - 20$$
$$98 - 6 = 168 - 20$$
$$92 = 148$$

Find the incorrect step in Noah's work and explain why it is incorrect.