

Tonica Grade School
Learning Lesson
Packet 1

Grade: 6

Teacher: Heider

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6th Grade Math

1. IXL

- G.1 Add & subtract decimal numbers Smartscore= ____/90
(Ch.3 Lesson 1 Review)
- I.12 Convert between fractions & decimals Smartscore= ____/90
(Ch.2 Lesson 1 Review)
- Y.5 Evaluate multi-variable expressions Smartscore= ____/90
(Ch.6 Lesson 3 Review)

You may email me if you forgot your login information. I will get back to you asap. Don't forget to click on "learn with an example" if you need help. Also, make sure to look at the explanation anytime you get a problem incorrect.

2. Error Analysis- One-Step Equations (5 pages)

(Ch.7 Review)

Use your notes. They will be helpful for all of this work. If you don't have your notes, sign-in to the online textbook and look at the examples. You should have your login information for the textbook.

*Reminder: the website is <https://my.mheducation.com/login?logout=true>, your username is first initial, last name, graduation year (no spaces or commas) and your password is tgs, student id (no spaces or commas)

Do your best on this work. You can do it! If you have any questions, email me and I will get back to you asap.

-Ms. Heider

Name (s) _____

Class _____

Date _____

Error Analysis – ONE-STEP EQUATIONS

Read the word problem. Look at the students work and solution. Identify the error and describe it. Solve the problem correctly. Then share a strategy this student could use to prevent the same error in the future.

Henry and Rick have 265.3 downloaded minutes of music. If Henry has 112 minutes, how many belong to Rick? Write and solve an addition equation to find how many minutes belong to Rick?

Incorrect Work/Solution	Identify and Explain the Error
$r = \text{the number of minutes that belong to Rick.}$ $112 + r = 265.3$ $\begin{array}{r} -112 \quad +112 \\ \hline r = 377.3 \end{array}$	
Rick has 377.3 minutes.	
Correct Work/ Solution	Share a Strategy

Name (s) _____

Class _____

Date _____

Error Analysis – ONE-STEP EQUATIONS

Read the word problem. Look at the students work and solution. Identify the error and describe it. Solve the problem correctly. Then share a strategy this student could use to prevent the same error in the future.

Charlotte's ice skates cost \$30.45 less than her skateboard. Her ice skates cost \$95.28. How much did her skateboard cost? Write and solve a subtraction equation.

Incorrect Work/Solution	Identify and Explain the Error
$b = \text{the cost of the skateboard}$ $b - 30.45 = 95.28$ $\underline{- 30.45} \quad \underline{- 30.45}$ $b = 64.83$ The skateboard cost \$64.83.	
Correct Work/ Solution	Share a Strategy

Name (s) _____

Class _____

Date _____

Error Analysis – ONE-STEP EQUATIONS

Read the word problem. Look at the students work and solution. Identify the error and describe it. Solve the problem correctly. Then share a strategy this student could use to prevent the same error in the future.

Amanda spent a total of 70 minutes completing her chores this week. Write and solve an equation to represent the number of minutes Amanda spent washing the dishes.

Chore	Time (min)
Sweeping	42
Dishes	?

Incorrect Work/Solution	Identify and Explain the Error
<p>$w =$ number of minutes washing the dishes</p> $w - 70 = 42$ $\begin{array}{r} - 70 = 42 \\ + 70 +70 \\ \hline w = 112 \end{array}$ <p>Amanda spent 112 minutes washing dishes.</p>	<div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div> <div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div> <div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div> <div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div> <div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div> <div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div> <div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div>
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Class _____

Date _____

Error Analysis – ONE-STEP EQUATIONS

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Max and some friends shared the cost of a meal. The meal cost \$51 and each person contributed \$17. How many people share the cost of the meal?

Incorrect Work/Solution	Identify and Explain the Error
$17x = 51$ $17x = 51$ $\begin{array}{r} -17 \quad -17 \\ \hline \end{array}$ $x = 34$ <p>There were 34 people who split the cost of the meal.</p>	<div style="border: 1px solid black; height: 100%;"></div>
Correct Work/ Solution	Share a Strategy
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Name (s) _____

Class _____

Date _____

Error Analysis – ONE-STEP EQUATIONS

Read the word problem. Look at the students work and solution. Identify the error and describe it. Solve the problem correctly. Then share a strategy this student could use to prevent the same error in the future.

**Nigel and Desmond went bowling one afternoon. They each bowled 3 games.
Write and solve an equation to find how many points Desmond averaged each game.**

	Points
Nigel	315
Desmond	210

Incorrect Work/Solution	Identify and Explain the Error
$\begin{array}{r} 3 + p = 210 \\ - 3 \quad - 3 \\ \hline p = 207 \end{array}$ <p>Desmond averaged 207 points.</p>	<div style="border-bottom: 1px solid black; height: 20px;"></div> <div style="border-bottom: 1px solid black; height: 20px;"></div> <div style="border-bottom: 1px solid black; height: 20px;"></div> <div style="border-bottom: 1px solid black; height: 20px;"></div> <div style="border-bottom: 1px solid black; height: 20px;"></div> <div style="border-bottom: 1px solid black; height: 20px;"></div> <div style="border-bottom: 1px solid black; height: 20px;"></div> <div style="border-bottom: 1px solid black; height: 20px;"></div>
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