

Lesson 3.1 Quiz and 360* Math

Math Warm Up

Monday

$$2x - 0.2(4 - x) = 2.8$$

My Thinking

Correct/Compare

Lesson 3.1 Solving Linear Equations with one Variable (Day 8)

Monday

My Thinking

Correct/Compare

$$2x - 0.2(4 - x) = 2.8$$

$$x = \frac{18}{11}$$

Lesson 3.1 Quiz and 360* Math

Objective

TSW

- Solve linear equations with one variable by completing Quiz and solving problems in 360 Degree Math.



▶ Linear equations can be used to solve mathematical and real-world problems. A linear equation with one variable can have one solution, no solution, or infinitely many solutions.

Common Core State Standards *8.EE.7a Give examples of linear equations in one variable with one solution, infinitely many solutions, or no solution*

Mathematical Practices *1 Solve problems/persevere 2 Reason 4 Model Mathematics 7 Look for and use structure*

Lesson 3.1 Quiz and 360* Math



Challenge
"Pick a pumpkin"
IXL

Homework

Name: _____ Date: _____

Monday Homework

Solve for each variable AND Repeating Decimal #1-13

1. $\frac{x}{6} = 7$	2. $\frac{a}{3} = 4$	3. $\frac{z}{6} = 6$	4. $\frac{z}{-5} = 2$
5. $\frac{a}{9} = -5$	6. $\frac{x}{4} = -5$	7. $\frac{b}{2} = -6$	8. $\frac{v}{-2} = 4$
9. $\frac{z}{5} = -2$	10. $\frac{x}{9} = -3$	11. $\frac{a}{-2} = -4$	12. $\frac{x}{8} = -3$

Express each repeating decimal as a fraction. Show your work.

13 $0.\overline{1}$

A screenshot of the IXL website interface. It shows the IXL logo, a search bar with the text "Search topics and skills", and a navigation menu with tabs for "MATH", "LANGUAGE ARTS", "REPORTS", and "AWARDS". Below the menu, the current page is identified as "Algebra 1 > 3.7 Identities and equations with no solutions".

How many solutions does this equation have?

$$n + 5n = 6n$$

- no solution
- one solution
- infinitely many solutions

Submit

Lesson Check – Quiz

