

# Lesson 3.1 Quiz and 360\* Math

## Math Warm Up

Tuesday

My Thinking

Correct/Compare

$$3(x + 3) - \frac{2x + 1}{2} = 0.5$$

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$$3(x + 3) - \frac{2x + 1}{2} = 0.5$$

My Thinking

Correct/Compare

$$x = -4$$

# 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*

Challenge-  
"Pick a pumpkin" 

IXL

## Homework

Name: \_\_\_\_\_ Date: \_\_\_\_\_


Tuesday Homework

Solve For each Variable AND Repeating Decimal #1-12

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

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

13.  $0.0\overline{5}$

 Search topics and skills

MATH LANGUAGE ARTS REPORTS AWARDS

Algebra 1 > 1.7 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 – 360 \* Math Recording Sheet