

NAME: _____

UNIT 2 • REASONING WITH EQUATIONS AND INEQUALITIES

Lesson 1: Solving Equations and Inequalities

Problem-Based Task 2.1.2: Guess My Number

Here's another number game to try. See if you can guess correctly.

2 less than one-third of a number equals 3 more than one-fourth of the number.

What is the number?

Lesson 1: Solving Equations and Inequalities

Problem-Based Task 2.1.2: Guess My Number

Coaching

- How can “2 less than one-third of a number” be written algebraically?
- How can “3 more than one-fourth of the number” be written algebraically?
- How can “2 less than one-third of a number equals 3 more than one-fourth of the number” be written algebraically?
- How can you find the solution to the algebraic sentence?
- What is the number?