

Tuesday (easy) – LO: to form algebraic equations.

Varied fluency

1a. Use the equation below to fill in the gaps in the word problem.

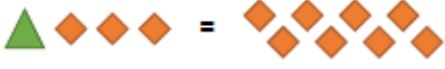
$$p + 3 = 8$$

I think of a number. I add ___ to it and my answer is ___.

★

2a. In which of the options below does the unknown value equal 5?

A. $2f = 10$

B. 

C. Michael had 14 grapes. He ate some of them. He has 8 grapes left. How many grapes did Michael eat?

★

3a. Circle the equation which matches the word problem below.

Cassi thinks of a number. She subtracts 9 from it. Her answer is 4. What was her starting number?

$4n = 9$ $n = 4 - 9$ $4 = n - 9$

★

4a. True or false? The equation matches the word problem below.

$$p - 6 = 15$$

There are some pencils in a pot. Ollie puts 6 more pencils in the pot. Now there are 15 pencils altogether. How many pencils were in the pot to start with?

★

Reasoning and problem solving

1b. Use some of the cards to create an algebraic equation.

2

8

n

4

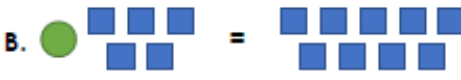
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Draw an image using concrete materials and write a word problem to match the equation created.

★

2b. Which is the odd one out?

A. I think of a number. I subtract 4 from it. My answer is 3.


B. 

C. $12 = n + 5$

★ Explain your answer.

3b. Toya and Riley are creating word problems based on the equation below.

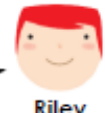
$$2n = 24$$



Toya

I think of a number. I multiply it by 2 to make 24.

I think of two numbers. One is 2 and the other is 4.



Riley

Who is incorrect? Explain your answer.

★