

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

Varied fluency

Reasoning and problem solving

5a. Use the equation below to fill in the gaps in the word problem.

$$6r = 48$$



I think of a number. I multiply it by ___
and my answer is ___.

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VF

6a. In which of the options below does the unknown value equal 7?

A. $4 = 24 \div h$

B.  = 

C. Three friends each have the same number of marbles. All together they have 21 marbles. How many do they have each?

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VF

7a. Circle the equation which matches the word problem below.

Sunia thinks of a number. She multiplies it by 5 and then adds 3. Her answer is 2.5. What was her starting number?

$5n + 3 = 2.5$ $2.5 = 3n + 5$ $5n + 3n = 2.5$

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VF

8a. True or false? The equation matches the word problem below.

$$\frac{1}{5}e = 6$$

Farmer Jones has collected his eggs. He divides them equally between 6 boxes. There are 5 eggs in each box. How many eggs did he collect in total?

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VF

4b. Use some of the cards to create an algebraic equation.

÷

12

2

4

n



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

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PS

5b. Which is the odd one out?

A. I think of a number. I multiply it by 10. I subtract 3. My answer is 22.

B.  = 

C. $5n + 6 = 16$


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Explain your answer.

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6b. Vansh and Lisa are creating word problems based on the equation below.


$$49 = f - 21$$



Vansh

There is a group of people. 21 people leave the group. There are 49 people remaining.

There are 49 people. 21 people leave and now there are some people left.



Lisa

Who is incorrect? Explain your answer.

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