

Forming Equations

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



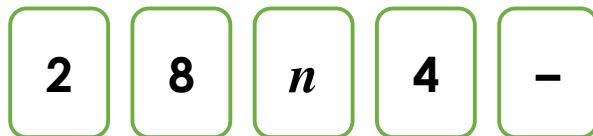
Draw an image using concrete materials and write a word problem to match the equation created.



PS

Forming Equations

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



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



PS

2a. Which is the odd one out?

A. I think of a number. I add 4. My answer is 7.



C. $n - 4 = 7$

Explain your answer.



R

2b. Which is the odd one out?

A. I think of a number. I add 3. My answer is 5.



C. $n + 3 = 5$

Explain your answer.



R

3a. Chris and Elle are creating word problems based on the equation below.

$$p + 5 = 13$$



Chris

Some people were already at my party. 5 more came. There were 13 people altogether.

I had 13 posters. My sister took some. Now I have 5 posters.



Elle

Who is correct? Explain your answer.



R

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

$$2n = 8$$



Toya

I think of a number. I multiply it by 2 to make 8.

I think of a number. I divide it by 2 to make 8.



Riley

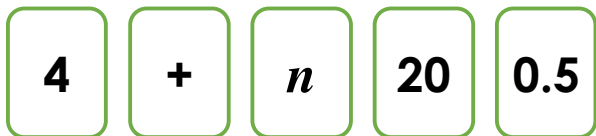
Who is correct? Explain your answer.



R

Forming Equations

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



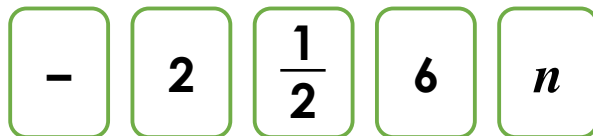
Write a word problem to match the equation created.



PS

Forming Equations

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



Write a word problem to match the equation created.



PS

5a. Which is the odd one out?

A. I think of a number. I multiply my number by $\frac{1}{2}$. My answer is 6.



C. $3n = 6$

Explain your answer.



R

5b. Which is the odd one out?

A. I think of a number. I multiply it by 6. My answer is 12.



C. $6n = 12$

Explain your answer.



R

6a. Eva and Jackson are creating word problems based on the equation below.

$$4r \div 2 = 8$$



Eva

I think of a number. I multiply it by 4 and divide by 2. My answer is 8.

I think of a number. I divide it by 4 and divide it again by 2. My answer is 8.



Jackson

Who is correct? Explain your answer.



R

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

$$a - 3.5 = 15.5$$



Vansh

15.5m of ribbon has been cut off
There is 3.5m of ribbon left.

3.5m is cut off a piece of ribbon.
There is 15.5m of ribbon left.



Lisa

Who is correct? Explain your answer.



R

Forming Equations

7a. Use some of the cards to create an algebraic equation.



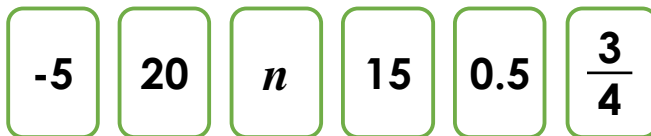
Write a word problem to match the equation created.



PS

Forming Equations

7b. Use some of the cards to create an algebraic equation.



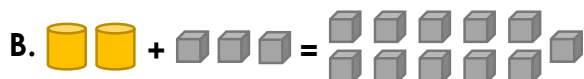
Write a word problem to match the equation created.



PS

8a. Which is the odd one out?

A. I think of a number. I multiply it by 2.3. I subtract 3. My answer is 10.



C. $2n + 3 = 11$

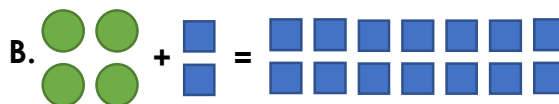
Explain your answer.



R

8b. Which is the odd one out?

A. I think of a number. I multiply it by 4. I add 2. My answer is 14.



C. $-2 + 4n = 16$

Explain your answer.



R

9a. Sophia and Otis are creating word problems based on the equation below.

$$-6 = 0.5d - 22$$



Sophia

My answer is -6. To get this answer, I divided a number by 0.5 and subtracted 22.

My answer is -6. To get this answer, I multiplied a number by 0.5 and subtracted 22.



Otis

Who is correct? Explain your answer.



R

9b. Tom and Jaya are creating word problems based on the equation below.

$$14.75 = 3h - 12.25$$



Tom

I multiplied a number by 3 and added it to 12.25 to get an answer of 14.75.

My answer is 14.75. To get this answer, I multiplied a number by 3 and subtracted 12.25.



Jaya

Who is correct? Explain your answer.



R