








L.O. To use substitution in algebra

1.

 = 8  
 = 4

Can you solve the following?

 +  +  =  
 -  =

How many ways can you make 24?

2.

If  $t = 5$  and  $s = 6$ , can you answer the following questions?

a)  $3t + s$   
 b)  $s + s + t$   
 c)  $7s - 2t$   
 d)  $\frac{3s}{6}$

3.

Here are two formulae.





$$p = 2a + 5$$

$$c = 10 - p$$

Find the value of  $c$  when  $a = 10$

4.

Can you create your own substitution algebra question that your parents or siblings could solve?

 = 30  
 = 18  
 = 2  
 = ?