	Read how each student solved 9 x 4	Write an Expression	Write a generalization
Phillip	I broke 9 into 5 + 4 because I know the multiplication combinations 4 $5 \times 4 = 20$ $4 \times 4 = 16$ I added 20 and 16. 9 20 + 16 = 36 So 9 x 4 is 36	$(5 \times 4) + (4 \times 4) = -$	In multiplication, factors can be broken into parts to multiply them, as long as each part of each number is multiplied by each part of the other number.
Elena	I know 10 x 4 is 40. To get 9 4s, I took away one 4. $40 - 4 = 36$. $10 \times 4 = 40$ $-1 \times 4 = 4$ so $9 \times 4 = 36$		
bunr	I like to double. I know 9 x 2 is 18. I doubled 9 x 2 to get 9 x 4 = 36 9 x 2 = 18 9 x 2 = 18 9 x 2 = 18 9 x 4 = 36 When Jung wanted to figure out 9 x 4, she began with 9 x 2 = 18. She realized this is exactly half of the answer and so she doubled 8 to get 36.		
Kenji	I know all my 4s. If 4 x 9 = 36 then 9 x 4 is also 36.		