Distributive Pro	perty Opener		
The school band decided to raise money by holding a car wash. The band spent \$32 to buy the needed supplies. They will charge \$5 for each car that they wash.		Part B What will be the band's profit for washing 40 cars? Explain your reasoning.	
Part.4. Create a table showing the profit (total money earned minus expenses) that the band will make for washing 1 through 10 cars.		Part C At some point during the day, could the	
Cars	Profit	band ever have a profit of exactly \$107? Explain your reasoning.	

	arnin	g Tai	2e1
	use the c		
. prope	aty to sii	mpinix	
· exp re	SSIONS.		
	arananananan arananan	arararana. Arararana	
aranananan		aranananananananananananananananananana	
anananana ananananan		aranananananananananananananananananana	

Sep 7-11:26 AM Nov 19-10:16 AM

Distributive Property When there are parentheses in the expression, you must "DISTRIBUTE" whatever is on the outside of the parenthesis to EVERYTHING on the inside of the parenthesis using ______.

Examples:

1. 5(x + 12)

2. 3(6 + 2y)

3. -4(3x + 8)

4. 7(2b – 3)

5. -4(6a-4)

Oct 19-12:11 PM Oct 19-12:11 PM

Now, put it all together and simplify these expressions...

6. 2(3x + 4) + 8x + 6 7. -3(6 + 2x) + 12 - 3x

8. 4(x + 3) + 2x + 89. 3y + 8 + 4(6y + 3)

10. 10(x-5) + 5x - 6 11. -8(2x+5) + 12x

12. -3(x-8) + 5x + 20

Oct 19-12:11 PM Oct 19-12:12 PM



$$12(x + y) - 12y$$

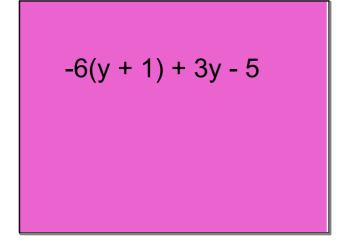
Oct 19-12:13 PM

Sep 14-10:29 AM

$$4(3y + 6) + 2(5y - 6)$$

Sep 17-7:41 AM

Sep 17-7:42 AM



$$4x - 3(x + 4)$$

Sep 17-7:43 AM Sep 17-7:43 AM

$$-5(x + y) - 4y + 3x$$

Sep 17-7:51 AM

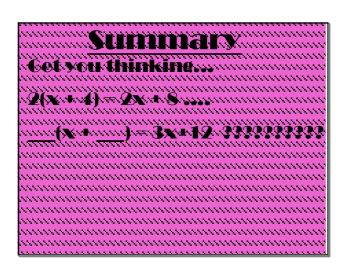
Sep 17-7:44 AM

$$-10x - 5xy + 4x(2y + 5)$$

$$6(3x - 4y) - 2(x + 3y)$$

Sep 17-7:45 AM

Sep 17-7:51 AM





Nov 19-10:16 AM May 31-9:19 AM