Who's Correct?

NAME_____

Jose goes to the store to purchase a sweatshirt. The sweatshirts are all on sale for 20% off. The one that he chooses has an original price of $48.50. Jose also has a coupon for an additional 15% off the sale price. How much will Jose pay for the shirt after both discounts?

Ally's Work	DeMarcus's Work
$20\% + 15\% = 35\%$ 35% of 48.50 $.35 \cdot 48.50 = 16.975$ $48.50 - 16.975$ 31.525 $\$31.53$	20% off $.2 \cdot 48.50 = 9.70$ ← discount $48.50 - 9.70 = \$38.80$ 15% off $.15 \cdot 38.80 = 5.82$ ← discount $38.80 - 5.82 = \$32.98$

Which student do you think is correct? _____

Explain why.

Concluding our class discussion, which student do you now think is correct? _____

Explain why.