Slide 1

A chain discount is

Slide 2

Net-price rate

Slide 3

Chain discounts are a series of discounts. SED is known as a single equivalent discount.

Net Price Rate = Product of Complements of Chain Discount Rates

Net Price = Net Price Rate x List Price

SED = Complement of Net Price Rate

Discount = SED x List Price

Which example in the table has an incorrect second net price based on the given chain discount and calculating one column at a time?

Example	List Price	Chain Discount	First Discount	First Net Price	Second Discount	Second Net Price
1	$3,808.56	22% less 4%	$837.88	$2,970.68	$118.83	$2,851.85
2	5,363.65	28% less 7%	1,501.82	3,861.83	270.33	3,594.60
3	1,275.09	17% less 5%	216.77	1,058.32	52.92	1,005.40
4	4,589.64	18% less 6%	826.14	3,763.50	225.81	3,537.69

a. Example 1
b. Example 4

c. Example 2
d. Example 3

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Slide 4

Chain discounts are a series of discounts. SED is known as a single equivalent discount.

Net Price Rate = Product of Complements of Chain Discount Rates

Net Price = Net Price Rate x List Price

SED = Complement of Net Price Rate

Discount = SED x List Price

Using the net price rate, how much would 18 oak tables with a list price of $568.25 each cost a buyer who has a trade discount of 24% and an additional discount of 2%? Express your answer as a dollar amount to the nearest cent.

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A buyer is purchasing 16 brass beds with a list price of $680.94 each and 13 sofas with a list price of $586.78 each. Using the net price rate, what is the cost for a buyer who has a trade discount of 23% and an additional discount of 4%? Express your answer as a dollar amount to the nearest cent.

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Using the net price rate, how much would 2 oak tables with a list price of $443.62 each cost a buyer who has a trade discount of 21% and an additional discount of 6%? Express your answer as a dollar amount to the nearest cent.

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Discount = SED x List Price

A buyer is purchasing 13 sofas with a list price of $651.67 each and 10 recliners with a list price of $690.10 each. Using the net price rate, what is the cost for a buyer who has a trade discount of 24% and an additional discount of 3%? Express your answer as a dollar amount to the nearest cent.

Chain discounts are a series of discounts. SED is known as a single equivalent discount.
Net Price Rate = Product of Complements of Chain Discount Rates

Net Price = Net Price Rate x List Price

SED = Complement of Net Price Rate

Discount = SED x List Price

Which example in the table has an incorrect second net price based on the given chain discount and calculating one column at a time?

Example	List Price	Chain Discount	First Discount	First Net Price	Second Discount	Second Net Price
1	$5,316.48	18% less 4%	$956.97	$4,359.51	$174.38	$4,185.13
2	2,165.62	20% less 8%	432.72	1,730.90	138.47	1,592.43
3	3,942.00	20% less 8%	788.40	3,153.60	252.29	2,901.31
4	1,308.13	19% less 4%	248.54	1,059.59	42.38	1,019.01

a. Example 3
b. Example 1
c. Example 4
d. Example 2