Name:	
1 vanie.	

Chain Discount

Multiple Choice

Identify the choice that best completes the statement or answers the question.

1. 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?

			1.1			
Example	List Price	Chain Discount	First	First Net	Second	Second
		1.00	Discount	Price	Discount	Net Price
1	\$5,553.78	20% less 7%	\$1,110.76	\$4,443.02	\$311.01	\$4,134.11
2	5,621.10	25% less 6%	1,405.28	4,215.82	252.95	3,962.87
3	3,498.45	20% less 5%	699.69	2,798.76	139.94	2,658.82
4	2,452.86	28% less 6%	686.80	1,766.06	105.96	1,660.10

- a. Example 2
- b. Example 4

- c. Example 3
- d. Example 1

2. 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	First Net	Second	Second
			Discount	Price	Discount	Net Price
1	\$2,447.54	30% less 8%	\$734.26	\$1,713.28	\$137.06	\$1,579.72
2	2,643.94	17% less 5%	449.47	2,194.47	109.72	2,084.75
3	5,244.34	27% less 5%	1,415.97	3,828.37	191.42	3,636.95
4	1,728.71	15% less 4%	259.31	1,469.40	58.78	1,410.62

- Example 2 a.
- b. Example 3

Example 1 c.

d. Example 4

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?

r	1					
Example	List Price	Chain Discount	First	First Net	Second	Second
			Discount	Price	Discount	Net Price
1	\$4,296.47	15% less 8%	\$644.47	\$3,652.00	\$292.16	\$3,359.84
2	4,062.76	30% less 8%	1,218.83	2,843.93	227.51	2,616.42
3	2,439.17	20% less 4%	487.83	1,951.34	78.05	1,873.29
4	3,237.29	21% less 6%	679.83	2,557.46	153.45	2,406.71

- a. Example 1
- b. Example 4

- c. Example 3
- d. Example 2

Numeric Response

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 2 oak tables with a list price of \$534.71 each cost a buyer who has a trade discount of 25% and an additional discount of 5%? Express your answer as a dollar amount to the nearest cent.

5. 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

A buyer is purchasing 6 recliners with a list price of \$591.00 each and 15 oak tables with a list price of \$590.36 each. Using the net price rate, what is the cost for a buyer who has a trade discount of 25% and an additional discount of 2%? Express your answer as a dollar amount to the nearest cent.

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

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Net Price Rate = Product of Complements of Chain Discount Rates
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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 3 recliners with a list price of \$689.53 each cost a buyer who has a trade discount of 29% and an additional discount of 3%? Express your answer as a dollar amount to the nearest cent.

7. 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

A buyer is purchasing 13 recliners with a list price of \$735.50 each and 8 oak tables with a list price of \$439.36 each. Using the net price rate, what is the cost for a buyer who has a trade discount of 16% and an additional discount of 7%? Express your answer as a dollar amount to the nearest cent.

8. 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

A buyer is purchasing 5 sofas with a list price of \$595.87 each and 4 recliners with a list price of \$561.66 each. Using the net price rate, what is the cost for a buyer who has a trade discount of 12% and an additional discount of 2%? Express your answer as a dollar amount to the nearest cent.

Chain Discount Answer Section

MULTIPLE CHOICE

1.	ANS:	D	PTS:	1
2.	ANS:	С	PTS:	1
3.	ANS:	В	PTS:	1

NUMERIC RESPONSE

- 4. ANS: 761.96
 - **PTS**: 1
- 5. ANS: 9,115.03
 - PTS: 1
- 6. ANS: 1,424.64
 - PTS: 1
- 7. ANS: 10,215.27
 - PTS: 1
- 8. ANS: 4,506.89
 - **PTS:** 1