Trade Discount Worksheet with Answers

Trade discounts and chain discounts: practice

Name: _____ Date: _____

13 problems · Levels: Basic, Intermediate, Exam-style

Show your work. Keep interim values exact and round money to the nearest cent only in your final answer. Write rates as percents.

1. **Basic** A box of printer paper lists at $85 with a 20% trade discount. Find the trade discount and the net price.

2. **Basic** A wholesaler lists a commercial vacuum at $1,640 less 35%. Find the trade discount and the net price.

3. **Basic** A case of cleaning spray lists at $72.50. A janitorial company gets a 12% trade discount. Find the net price.

4. **Basic** A monitor lists at $560, and a reseller pays a net price of $420. Find the trade discount rate.

5. **Basic** The list price of a walk-in cooler is $2,750 and the trade discount is $412.50. Find the trade discount rate and the net price.

6. **Intermediate** After a 15% trade discount, a salon pays $289 for a styling chair. Find the list price.

7. **Intermediate** A 40% trade discount on a tablet amounts to $96. Find the list price and the net price.

8. **Intermediate** A set of shelving units lists at $640 less 10/5. Find the net price, the trade discount and the single equivalent discount rate.

9. **Intermediate** A dental supply distributor lists an examination light at $1,275 less 30/10/5. Find the net price and the trade discount.

10. **Intermediate** A supplier quotes 40/20/10 on a $1,000 order. Find the single equivalent discount rate. Is it the same as 70% off?

11. **Exam-style** A print shop paid a net price of $1,404 for a laminator after a chain discount of 20/10. Find the list price.

12. **Exam-style** Supplier X lists a commercial coffee machine at $920 less 30/10. Supplier Y lists the same machine at $900 less 25/10/5. Which net price is lower, and by how much?

13. **Exam-style** An order of kitchen cabinets lists at $3,600 less 25/10, with terms 2/10, n/30. The buyer pays within the discount period. How much does the buyer pay?

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Answer key

1. Trade discount $17.00; net price $68.00.
2. Trade discount $574.00; net price $1,066.00.
3. Trade discount $8.70; net price $63.80.
4. Trade discount $140.00; rate 25%.
5. Rate 15%; net price $2,337.50.
6. List price $340.00.
7. List price $240.00; net price $144.00.
8. Net price equivalent rate 0.855; net price $547.20; trade discount $92.80; single equivalent discount rate 14.5%.
9. Net price equivalent rate 0.5985; net price $763.09 (from $763.0875); trade discount $511.91; single equivalent discount rate 40.15%.
10. Net price equivalent rate 0.432; single equivalent discount rate 56.8%, not 70%. Net price $432.00.
11. Net price equivalent rate 0.72; list price $1,950.00.
12. Supplier X: $579.60. Supplier Y: $577.13 (from $577.125). Supplier Y is lower by $2.47.
13. Net price $2,430.00; cash discount $48.60; amount paid $2,381.40.

Answers follow the rounding rule above. If you rounded a rate before multiplying, your answer may be one cent different.

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