

MTH 134 Solutions to unit 5 handouts

Handout 1:

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|------|------------|----------|----|----------------|-------------------------------------|
| 1. | TV | \$630 | 2. | net price | \$1052.35 |
| | Typewriter | \$1000 | | trade discount | \$347.65 |
| 3. | option A | option B | 4. | A: | 68%; 32%; \$160; \$340 |
| NPER | 67.98% | 68.03% | | B: | 72.16%; 27.84%; \$389.76; \$1010.24 |
| SEDR | 32.02% | 31.97% | | | |
- option A better

Handout 2:

- \$824.74 credited; \$175.26 balance
- \$612.24 credited; \$2387.76 balance
- \$1782.50 net paid; \$17.50 discount
- \$496 net paid; \$4 discount
- \$408.16 credited; \$191.84 balance

Handout 3:

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|------|------------|----------|-----------------------------|
| 1. | 77.42% | 2. | cost: \$200; markup: \$200 |
| 3.a. | \$1185.19; | \$414.81 | |
| b. | \$62.50 ; | \$312.50 | 4. \$30; 40% |
| c. | 45%; | \$45 | |
| d. | \$15.60; | \$93.60 | 5. markup: \$21; cost: \$49 |
| e. | \$310.08; | \$89.92 | |
| f. | 42.86% | \$30 | |

Handout 4:

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|----|---------|----|--------|
| 1. | \$16.07 | 2. | \$0.33 |
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Review Guide:

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|------|-----------|---------|----------------------------------|
| 1. | \$792 | 2. | \$1432.20 |
| 3.a. | NPER | SEDR | |
| A | 77.748% | 22.252% | 3.b. option A |
| B | 77.832% | 22.168% | |
| 4.a. | \$1164.90 | 4.b. | \$510.20 credited; \$689.80 owed |
| 5.a. | 57.14% | 5.b. | 36.36% |
| 6.a. | \$57.69 | 6.b. | \$52.50 |
| 7.a. | \$1152 | 7.b. | \$1800 |
| 8.a. | \$107.25 | b. | \$91.16 |
| 9. | \$4.71 | c. | \$109.39 |
| | | d. | \$65.63 |
| | | e. | \$45.94 |