## Section 1

|  | Question 1(a) |  | Question 2(a) |  |
| :---: | :---: | :---: | :---: | :---: |
| Job | Monthly income | Maximum monthly income (1/3) | 10\% monthly savings | Time (years) to save \$20,000 |
| Health Care Aide | \$3,401.67 | \$1,133.89 | \$340.17 | 4.90 |
| Mechanic | \$3,541.67 | \$1,180.56 | \$354.17 | 4.71 |
| Real Estate Agent | \$4,623.42 | \$1,541.14 | \$462.34 | 3.60 |
| Graphic Artist | \$3,473.83 | \$1,157.94 | \$347.38 | 4.80 |
| Restaurant Manager | \$4,458.08 | \$1,486.03 | \$445.81 | 3.74 |
| Firefighter | \$5,128.83 | \$1,709.61 | \$512.88 | 3.25 |

## Section 3

|  | Standard Insurance |  |
| :---: | :---: | :---: |
|  | Deductible |  |
|  | \$500 | \$200 |
| Condominium |  |  |
| \$314.00 | \$314.00 | \$345.40 |
| Total | \$314.00 | \$345.40 |
| Ste. Agathe |  |  |
| \$519.00 | \$519.00 | \$570.90 |
| \$2.75 | \$192.50 | \$211.75 |
| Total | \$711.50 | \$782.65 |
| Winnipeg |  |  |
| \$692.00 | \$692.00 | \$761.20 |
| \$3.15 | \$267.75 | \$294.53 |
| Total | \$959.75 | \$1,055.73 |
| Thompson |  |  |
| \$519.00 | \$519.00 | \$570.90 |
| \$2.75 | \$79.75 | \$87.73 |
| Total | \$598.75 | \$658.63 |


|  | Comprehensive Insurance |  |
| :---: | :---: | :---: |
|  | Deductible |  |
|  | \$500 | \$200 |
| Condominium |  |  |
| \$348.00 | \$348.00 | \$382.80 |
| Total | \$348.00 | \$382.80 |
| Ste. Agathe |  |  |
| \$571.00 | \$571.00 | \$628.10 |
| \$3.03 | \$212.10 | \$233.31 |
| Total | \$783.10 | \$861.41 |
| Winnipeg |  |  |
| \$771.00 | \$771.00 | \$848.10 |
| \$3.50 | \$297.50 | \$327.25 |
| Total | \$1,068.50 | \$1,175.35 |
| Thompson |  |  |
| \$571.00 | \$571.00 | \$628.10 |
| \$3.03 | \$87.87 | \$96.66 |
| Total | \$658.87 | \$724.76 |

## Section 4

## 25-year mortgage with a 4\% interest rate: different down payments

| House | Cost |
| :---: | ---: |
|  |  |
| Condominium | $\$ 139,900.00$ |
| Ste. Agathe | $\$ 282,500.00$ |
| Winnipeg | $\$ 309,900.00$ |
| Thompson | $\$ 179,000.00$ |


| Loan amount with a down payment of |  |  |
| :---: | :---: | :---: |
| $\$ 15,000,00 \$$ | $\$ 20,000,00$ | $\$ 25,000,00$ |
| $\$ 124,900.00$ | $\$ 119,900.00$ | $\$ 114,900.00$ |
| $\$ 267,500.00$ | $\$ 262,500.00$ | $\$ 257,500.00$ |
| $\$ 294,900.00$ | $\$ 289,900.00$ | $\$ 284,900.00$ |
| $\$ 164,000.00$ | $\$ 159,000.00$ | $\$ 154,000.00$ |


| Mortgage term <br> (in years) | 25 |
| :---: | :---: |
| Interest rate | $4 \%$ |
| Amount paid <br> per \$1000 | $\$ 5.26$ |


| House | Monthly payment |  |  | Total amount paid |  |  | Total interest paid |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$15,000.00 | \$20,000.00 | \$25,000.00 | \$15,000.00 | \$20,000.00 | \$25,000.00 | \$15,000.00 | \$20,000.00 | \$25,000.00 |
| Condominium | \$656.97 | \$630.67 | \$604.37 | \$197,092.20 | \$189,202.20 | \$181,312.20 | \$72,192.20 | \$69,302.20 | \$66,412.20 |
| Ste. Agathe | \$1,407.05 | \$1,380.75 | \$1,354.45 | \$422,115.00 | \$414,225.00 | \$406,335.00 | \$154,615.00 | \$151,725.00 | \$148,835.00 |
| Winnipeg | \$1,551.17 | \$1,524.87 | \$1,498.57 | \$465,352.20 | \$457,462.20 | \$449,572.20 | \$170,452.20 | \$167,562.20 | \$164,672.20 |
| Thompson | \$862.64 | \$836.34 | \$810.04 | \$258,792.00 | \$250,902.00 | \$243,012.00 | \$94,792.00 | \$91,902.00 | \$89,012.00 |

Mortgage at $4 \%$ with a down payment of $\$ 20,000$ : 25 vs . 20 years

| House | Cost | Loan Amount |
| :---: | :---: | ---: |
| Condominium | $\$ 139,900.00$ | $\$ 119,900.00$ |
| Ste. Agathe | $\$ 282,500.00$ | $\$ 262,500.00$ |
| Winnipeg | $\$ 309,900.00$ | $\$ 289,900.00$ |
| Thompson | $\$ 179,000.00$ | $\$ 159,000.00$ |


| Mortgage term <br> (in years) | 25 | 20 |
| :---: | :---: | :---: |
| Interest rate | $4 \%$ | $4 \%$ |
| Amount paid <br> per \$1000 | $\$ 5.26$ | $\$ 6.04$ |


| Habitation | Monthly Payment |  | Total Amount Paid |  | Total Interest Paid |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 25 years | 20 years | 25 years | 20 years | 25 years | 20 years |
| Condominium | \$630.67 | \$724.20 | \$189,202.20 | \$173,807.04 | \$69,302.20 | \$53,907.04 |
| Ste. Agathe | \$1,380.75 | \$1,585.50 | \$414,225.00 | \$380,520.00 | \$151,725.00 | \$118,020.00 |
| Winnipeg | \$1,524.87 | \$1,751.00 | \$457,462.20 | \$420,239.04 | \$167,562.20 | \$130,339.04 |
| Thompson | \$836.34 | \$960.36 | \$250,902.00 | \$230,486.40 | \$91,902 | \$71,486.40 |

## 25-year mortgage with a down payment of \$20,000: 4\% vs. 6\% interest

| House | Cost | Loan Amount |
| :---: | ---: | ---: |
| Condominium | $\$ 139,900$ | $\$ 119,900$ |
| Ste. Agathe | $\$ 282,500$ | $\$ 262,500$ |
| Winnipeg | $\$ 309,900$ | $\$ 289,900$ |
| Thompson | $\$ 179,000$ | $\$ 159,000$ |


| Mortgage term <br> (in years) | 25 | 25 |
| :---: | :---: | :---: |
| Interest rate | $4 \%$ | $6 \%$ |
| Amount paid <br> per \$1000 | $\$ 5.26$ | $\$ 6.40$ |


| Habitation | Monthly Payment |  | Total Amount Paid |  | Total Interest Paid |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 4\% | 6\% | 4\% | 6\% | 4\% | 6\% |
| Condominium | \$630.67 | \$767.36 | \$189,202.20 | \$230,208.00 | \$69,302.20 | \$110,308.00 |
| Ste. Agathe | \$1,380.75 | \$1,680.00 | \$414,225.00 | \$504,000.00 | \$294,325.00 | \$241,500.00 |
| Winnipeg | \$1,524.87 | \$1,855.36 | \$457,462.20 | \$556,608.00 | \$337,562.20 | \$266,708.00 |
| Thompson | \$836.34 | \$1,017.60 | \$250,902.00 | \$305,280.00 | \$131,002.00 | \$146,280.00 |

Section 5 (Task A)

| Monthly Payment |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 25 years | 25 years | 20 years |  |  |  |
| House | Cost | 4\% | 6\% | 4\% | Heating | Taxes | Condo Fees |
| Condominium | \$139,900.00 | \$656.97 | \$767.36 | \$724.20 | \$75.00 | \$1,430.09 | \$250.00 |
| Ste. Agathe | \$282,500.00 | \$1,407.05 | \$1,680.00 | \$1,585.50 | \$146.00 | \$3,895.15 |  |
| Winnipeg | \$309,900.00 | \$1,551.17 | \$1,855.36 | \$1,751.00 | \$175.00 | \$3,865.86 |  |
| Thompson | \$179,000.00 | \$862.64 | \$1,017.60 | \$960.36 | \$275.00 | \$3,132.63 |  |


| Income |  |
| :--- | ---: | :--- |
| Health Care Aide | $\$ 3,401.67$ |
| Mechanic | $\$ 3,541.67$ |
| Real Estate Agent | $\$ 4,623.42$ |
| Graphic Artist | $\$ 3,473.83$ |
| Restaurant Manager | $\$ 4,458.08$ |
| Firefighter | $\$ 5,128.83$ |


|  | Health Care Aide |  |  | Mechanic |  |  | Real Estate Agent |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 25 years (4\%) | 25 years (6\%) | 20 years (4\%) | 25 years (4\%) | 25 years (6\%) | 20 years (4\%) | 25 years (4\%) | $\begin{gathered} 25 \text { years } \\ \text { (\%) } \end{gathered}$ | 20 years (4\%) |
| Condominium | 28.70\% | 31.94\% | 30.67\% | 27.56\% | 30.68\% | 29.46\% | 21.11\% | 23.50\% | 22.57\% |
| Ste. Agathe | 55.20\% | 63.22\% | 60.44\% | 53.02\% | 60.72\% | 58.05\% | 40.61\% | 46.52\% | 44.47\% |
| Winnipeg | 60.22\% | 69.16\% | 66.09\% | 57.84\% | 66.42\% | 63.48\% | 44.30\% | 50.88\% | 48.63\% |
| Thompson | 41.12\% | 45.67\% | 43.99\% | 39.49\% | 43.87\% | 42.25\% | 30.25\% | 33.60\% | 32.37\% |
|  | Graphic Artist |  |  | Restaurant Manager |  |  | Firefighter |  |  |
|  | 25 years (4\%) | 25 years (6\%) | 20 years (4\%) | 25 years (4\%) | 25 years (6\%) | 20 years (4\%) | 25 years (4\%) | $\begin{gathered} 25 \text { years } \\ (6 \%) \end{gathered}$ | 20 years (4\%) |
| Condominium | 28.10\% | 31.28\% | 30.04\% | 21.90\% | 24.37\% | 23.40\% | 19.03\% | 21.18\% | 20.34\% |
| Ste. Agathe | 54.05\% | 61.91\% | 59.19\% | 42.12\% | 48.24\% | 46.12\% | 36.61\% | 41.93\% | 40.09\% |
| Winnipeg | 58.96\% | 67.72\% | 64.72\% | 45.95\% | 52.77\% | 50.43\% | 39.94\% | 45.87\% | 43.83\% |
| Thompson | 40.26\% | 44.72\% | 43.08\% | 31.37\% | 34.85\% | 33.57\% | 27.27\% | 30.29\% | 29.18\% |

## Section 5 (Task B)

## Health Care Aide



## Mechanic



## Real Estate Agent

|  |  |  | Interest Rate Factor Table |  |
| :---: | :---: | :---: | :---: | :---: |
| Formula |  |  | Rate | Factor |
| Gross monthly family income |  |  | 2.5 | 0.00448 |
| Multiply by 32\% (GDSR) $\times$ |  | 32\% | 3 | 0.00473 |
| Total affordable household expenses |  | \$1,479.49 | 3.5 | 0.499 |
|  |  |  | 4 | 0.00526 |
| Subtract |  |  | 4.5 | 0.00553 |
| Monthly property taxes | - | \$208.33 | 5 | 0.00582 |
| Monthly heating costs | - | \$75.00 | 5.5 | 0.0061 |
| $1 / 2$ of condo fees (if applicable) | - |  | 6 | 0.0064 |
| Monthly mortgage payment your household can afford |  | \$1,196.16 | 6.5 | 0.0067 |
|  |  |  | 7 | 0.007 |
|  |  |  | 7.5 | 0.00732 |
| Interest rate (see factor table) $\div 4.5$ |  | 4.5 | 8 | 0.00763 |
| Monthly mortgage amount you can afford $\quad \$ 216,304.40$ |  |  | 8.5 | 0.00795 |
|  |  |  | 9 | 0.00828 |
|  |  |  | 9.5 | 0.00861 |
| Down payment + |  | \$15,000.00 | 10 | 0.00894 |
| Maximum affordable price |  | \$231,304.40 |  |  |

## Graphic Artist

|  |  |  | Interest Rate Factor Table |  |
| :---: | :---: | :---: | :---: | :---: |
| Formula |  |  | Rate | Factor |
| Gross monthly family income |  | \$3,473.83 | 2.5 | 0.00448 |
| Multiply by 32\% (GDSR) | $\times$ | 32\% | 3 | 0.00473 |
| Total affordable household expenses |  | \$1,111.63 | 3.5 | 0.499 |
|  |  |  | 4 | 0.00526 |
| Subtract |  |  | 4.5 | 0.00553 |
| Monthly property taxes | - | \$208.33 | 5 | 0.00582 |
| Monthly heating costs | - | \$75.00 | 5.5 | 0.0061 |
| $1 / 2$ of condo fees (if applicable) | - |  | 6 | 0.0064 |
| Monthly mortgage payment your household can afford |  | \$828.30 | 6.5 | 0.0067 |
|  |  |  | 7 | 0.007 |
|  |  |  | 7.5 | 0.00732 |
| Interest rate (see factor table) | $\div$ | 4.5 | 8 | 0.00763 |
| Monthly mortgage amount you can afford $\quad \$ 149,782.40$ |  |  | 8.5 | 0.00795 |
|  |  |  | 9 | 0.00828 |
|  |  |  | 9.5 | 0.00861 |
| Down payment |  | \$15,000.00 | 10 | 0.00894 |
| Maximum affordable price |  | \$164,782.40 |  |  |

## Restaurant Manager

|  |  |  | Interest Rate Factor Table |  |
| :---: | :---: | :---: | :---: | :---: |
| Formula |  |  | Rate | Factor |
| Gross monthly family income ${ }^{\text {a }}$ (4,458.08 |  |  | 2.5 | 0.00448 |
| Multiply by 32\% (GDSR) $\times$ |  | 32\% | 3 | 0.00473 |
| Total affordable household expenses |  | \$1,426.59 | 3.5 | 0.499 |
|  |  |  | 4 | 0.00526 |
| Subtract |  |  | 4.5 | 0.00553 |
| Monthly property taxes | - | \$208.33 | 5 | 0.00582 |
| Monthly heating costs | - | \$75.00 | 5.5 | 0.0061 |
| $1 / 2$ of condo fees (if applicable) | - |  | 6 | 0.0064 |
| Monthly mortgage payment your household can afford |  | \$1,143.26 | 6.5 | 0.0067 |
|  |  |  | 7 | 0.007 |
|  |  |  | 7.5 | 0.00732 |
| Interest rate (see factor table) $\div 4.5$ |  | 4.5 | 8 | 0.00763 |
| Monthly mortgage amount you can afford $\quad \$ 206,737.19$ |  |  | 8.5 | 0.00795 |
|  |  |  | 9 | 0.00828 |
|  |  |  | 9.5 | 0.00861 |
| Down payment + |  | \$15,000.00 | 10 | 0.00894 |
| Maximum affordable price |  | \$221,737.19 |  |  |

## Firefighter

|  |  |  | Interest Rate Factor Table |  |
| :---: | :---: | :---: | :---: | :---: |
| Formula |  |  | Rate | Factor |
|  |  |  | 2.5 | 0.00448 |
| Multiply by 32\% (GDSR) $\times$ |  | 32\% | 3 | 0.00473 |
| Total affordable household expenses |  | \$1,641.23 | 3.5 | 0.499 |
|  |  |  | 4 | 0.00526 |
| Subtract |  |  | 4.5 | 0.00553 |
| Monthly property taxes | - | \$208.33 | 5 | 0.00582 |
| Monthly heating costs | - | \$75.00 | 5.5 | 0.0061 |
| $1 / 2$ of condo fees (if applicable) | - |  | 6 | 0.0064 |
| Monthly mortgage payment your household can afford |  | \$1,357.90 | 6.5 | 0.0067 |
|  |  |  | 7 | 0.007 |
|  |  |  | 7.5 | 0.00732 |
| Interest rate (see factor table) $\div 4.5$ |  | 4.5 | 8 | 0.00763 |
| Monthly mortgage amount you can afford $\quad \$ 245,550.93$ |  |  | 8.5 | 0.00795 |
|  |  |  | 9 | 0.00828 |
|  |  |  | 9.5 | 0.00861 |
| Down payment + |  | \$15,000.00 | 10 | 0.00894 |
| Maximum affordable price |  | \$260,550.93 |  |  |

## Section 5 (Task C)



## Mechanic



## Real Estate Agent

|  |  |  | Interest Rate Factor Table |  |
| :---: | :---: | :---: | :---: | :---: |
| Formula |  |  | Rate | Factor |
| Gross monthly family income |  |  | 2.5 | 0.00448 |
| Multiply by 32\% (GDSR) $\times$ |  | 32\% | 3 | 0.00473 |
| Total affordable household expenses |  | \$1,479.49 | 3.5 | 0.499 |
|  |  |  | 4 | 0.00526 |
| Subtract |  |  | 4.5 | 0.00553 |
| Monthly property taxes | - | \$104.17 | 5 | 0.00582 |
| Monthly heating costs | - | \$75.00 | 5.5 | 0.0061 |
| $1 / 2$ of condo fees (if applicable) | - | \$125.00 | 6 | 0.0064 |
| Monthly mortgage payment your household can afford |  | \$1,175.33 | 6.5 | 0.0067 |
|  |  |  | 7 | 0.007 |
|  |  |  | 7.5 | 0.00732 |
| Interest rate (see factor table) $\div 4.5$ | $\div$ | 4.5 | 8 | 0.00763 |
| Monthly mortgage amount you can afford $\quad \$ 212,537.07$ |  |  | 8.5 | 0.00795 |
|  |  |  | 9 | 0.00828 |
|  |  |  | 9.5 | 0.00861 |
| Down payment + |  | \$15,000.00 | 10 | 0.00894 |
| Maximum affordable price |  | \$227,537.07 |  |  |

## Graphic Artist

|  |  |  | Interest Rate Factor Table |  |
| :---: | :---: | :---: | :---: | :---: |
| Formula |  |  | Rate | Factor |
| Gross monthly family income $\quad \$ 3,473.83$ |  |  | 2.5 | 0.00448 |
| Multiply by 32\% (GDSR) | $\times$ | 32\% | 3 | 0.00473 |
| Total affordable household expenses |  | \$1,111.63 | 3.5 | 0.499 |
|  |  |  | 4 | 0.00526 |
| Subtract |  |  | 4.5 | 0.00553 |
| Monthly property taxes | - | \$104.17 | 5 | 0.00582 |
| Monthly heating costs | - | \$75.00 | 5.5 | 0.0061 |
| $1 / 2$ of condo fees (if applicable) | - | \$125.00 | 6 | 0.0064 |
| Monthly mortgage payment your household can afford |  | \$807.46 | 6.5 | 0.0067 |
|  |  |  | 7 | 0.007 |
|  |  |  | 7.5 | 0.00732 |
| Interest rate (see factor table) | $\div$ | 4.5 | 8 | 0.00763 |
| Monthly mortgage amount you can afford $\quad \$ 146,014.47$ |  |  | 8.5 | 0.00795 |
|  |  |  | 9 | 0.00828 |
|  |  |  | 9.5 | 0.00861 |
| Down payment |  | \$15,000.00 | 10 | 0.00894 |
| Maximum affordable price |  | \$161,014.47 |  |  |

## Restaurant Manager

|  |  |  | Interest Rate Factor Table |  |
| :---: | :---: | :---: | :---: | :---: |
| Formula |  |  | Rate | Factor |
| Gross monthly family income ${ }^{\text {a }}$ (4,458.08 |  |  | 2.5 | 0.00448 |
| Multiply by 32\% (GDSR) $\times$ |  | 32\% | 3 | 0.00473 |
| Total affordable household expenses |  | \$1,426.59 | 3.5 | 0.499 |
|  |  |  | 4 | 0.00526 |
| Subtract |  |  | 4.5 | 0.00553 |
| Monthly property taxes | - | \$104.17 | 5 | 0.00582 |
| Monthly heating costs | - | \$75.00 | 5.5 | 0.0061 |
| $1 / 2$ of condo fees (if applicable) | - | \$125.00 | 6 | 0.0064 |
| Monthly mortgage payment your household can afford |  | \$1,122.42 | 6.5 | 0.0067 |
|  |  |  | 7 | 0.007 |
|  |  |  | 7.5 | 0.00732 |
| Interest rate (see factor table) $\div 4.5$ | $\div$ | 4.5 | 8 | 0.00763 |
| Monthly mortgage amount you can afford $\quad \$ 202,969.26$ |  |  | 8.5 | 0.00795 |
|  |  |  | 9 | 0.00828 |
|  |  |  | 9.5 | 0.00861 |
| Down payment + |  | \$15,000.00 | 10 | 0.00894 |
| Maximum affordable price |  | \$217,969.26 |  |  |

## Firefighter

|  |  |  | Interest Rate Factor Table |  |
| :---: | :---: | :---: | :---: | :---: |
| Formula |  |  | Rate | Factor |
|  |  |  | 2.5 | 0.00448 |
| Multiply by 32\% (GDSR) $\times$ |  | 32\% | 3 | 0.00473 |
| Total affordable household expenses |  | \$1,641.23 | 3.5 | 0.499 |
|  |  |  | 4 | 0.00526 |
| Subtract |  |  | 4.5 | 0.00553 |
| Monthly property taxes | - | \$104.17 | 5 | 0.00582 |
| Monthly heating costs | - | \$75.00 | 5.5 | 0.0061 |
| $1 / 2$ of condo fees (if applicable) | - | \$125.00 | 6 | 0.0064 |
| Monthly mortgage payment your household can afford |  | \$1,337.06 | 6.5 | 0.0067 |
|  |  |  | 7 | 0.007 |
|  |  |  | 7.5 | 0.00732 |
|  | $\div$ | 4.5 | 8 | 0.00763 |
| Monthly mortgage amount you can afford |  | \$241,783.00 | 8.5 | 0.00795 |
|  |  |  | 9 | 0.00828 |
|  |  |  | 9.5 | 0.00861 |
| Down paymentMaximum affordable price |  | \$15,000.00 | 10 | 0.00894 |
|  |  | \$256.783.00 |  |  |

## Section 6 (Task B)

|  |  | Condominium | Ste. Agathe | Winnipeg | Thompson |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | \$139,900.00 | \$282,500.00 | \$309,900.00 | \$179,000.00 |
| On the first \$30 000 | 0\% | \$ - | \$ - | \$ - | \$ - |
| On the next \$60 000 | 0.5\% | \$300.00 | \$300.00 | \$300.00 | \$300.00 |
| On the next \$60 000 | 1.0\% | \$499.00 | \$600.00 | \$600.00 | \$600.00 |
| On the next \$50 000 | 1.5\% |  | \$750.00 | \$750.00 | \$435.00 |
| On amounts in excess of \$200 000 | 2.0\% |  | \$1,650.00 | \$2,198.00 |  |
|  | Total | \$799.00 | \$3,300.00 | \$3,848.00 | \$1,335.00 |

## Section 7.2

| Frontage (in feet) | Condominium |  | Ste. Agathe |  | Winnipeg |  | Thompson |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 100 |  | 60 |  | 50 |  | 60 |  |
|  | so 11\% |  |  |  |  |  |  |  |
| Assessed value | \$139,900.00 |  | \$282,500.00 |  | \$309,900.00 |  | \$179,000.00 |  |
| Portioned assessment | 45\% | \$62,955.00 | 45\% | \$127,125.00 | 45\% | \$139,455.00 | 45\% | \$80,550.00 |
| Municipal mill rate | 15.012 | \$945.08 | 14.988 | \$1,905.35 | 15.012 | \$2,093.50 | 19.630 | \$1,581.20 |
| Improvements | \$13.50 | \$148.50 | \$12.26 | \$735.60 | \$8.40 | \$420.00 | \$12.65 | \$759.00 |
|  | \$10.00 | \$110.00 |  |  |  |  |  |  |
| School mill rate | 14.717 | \$926.51 | 14.787 | \$1,879.80 | 14.717 | \$2,052.36 | 18.528 | \$1,492.43 |
| Credit(s) | \$700.00 | (\$700.00) | \$700.00 | (\$700.00) | \$700.00 | (\$700.00) | \$700.00 | (\$700.00) |
| Total |  | \$1,430.09 |  | \$3,820.75 |  | \$3,865.86 |  | \$3,132.63 |

## Section 7.3

## Scenario

| System | Geothermal |  | Natural Gas |  | Electric |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Purchase price | \$ | 17,500 | \$ | 4,500 | \$ | 2,500 |
| Operating costs over 1 year | \$ | 544 | \$ | 634 | \$ | 1,361 |
| Price + 1 year (\$) | \$ | 18,044 | \$ | 5,134 | \$ | 3,861 |
| Price + 5 years (\$) | \$ | 20,220 | \$ | 7,670 | \$ | 9,305 |
| Price + 10 years (\$) | \$ | 22,940 | \$ | 10,840 | \$ | 16,110 |
| Price + 25 years (\$) | \$ | 31,100 | \$ | 20,350 | \$ | 36,525 |

## Question 5

| System | Geothermal |  | Natural Gas |  | Electric |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Purchase price | \$ | 5,500 | \$ | 4,500 | \$ | 2,500 |
| Operating costs over 1 year | \$ | 544 | \$ | 634 | \$ | 1,361 |
| Price + 1 year (\$) | \$ | 6,044 | \$ | 5,134 | \$ | 3,861 |
| Price + 5 years (\$) | \$ | 8,220 | \$ | 7,670 | \$ | 9,305 |
| Price + 10 years (\$) | \$ | 10,940 | \$ | 10,840 | \$ | 16,110 |
| Price + 11 years (\$) | \$ | 11,484 | \$ | 11,474 | \$ | 17,471 |
| Price + 12 years (\$) | \$ | 12,028 | \$ | 12,108 | \$ | 18,832 |

## Section 8



