1   Solving via Calculator

1) | P/Y, C/Y | = | 4 |
    | I/Y | = | 3.75% |
    | N | = | 7 |
    | PV | = | |
    | FV | = | $950 |

NUMBER OF PAYMENTS   PRESENT VALUE   FUTURE VALUE
PAYMENTS/YEAR   INTEREST/YEAR   PAYMENT   CLEAR TVM (MEMORY)

2)

P/Y, C/Y	=	2
I/Y	=	3.25%
N	=	28
PV	=	-$525
FV	=	

Note: PV should be negative

3) | P/Y, C/Y | = | 12 |
    | I/Y | = | |
    | N | = | 45 |
    | PV | = | -$975 |
    | FV | = | $1200 |

<u>EXAMPLE: SOLVE FOR PV</u>

Step 1
To enter **P/Y** as 4 and **C/Y** as 4

$$\boxed{\text{2ND}} \; \overset{\textbf{P/Y}}{\boxed{\text{I/Y}}} \; \textbf{4} \; \boxed{\text{ENTER}} \; \boxed{\downarrow} \textbf{4} \; \boxed{\text{ENTER}}$$

Exit **P/Y**, **C/Y** Mode

$$\boxed{\text{2ND}} \; \overset{\textbf{QUIT}}{\boxed{\text{CPT}}}$$

4) | P/Y, C/Y | = | 2 |
    | I/Y | = | 2.25% |
    | N | = | |
    | PV | = | -$3500 |
    | FV | = | $3850 |

Step 2
Clear values from previous question

$$\boxed{\text{2ND}} \; \overset{\textbf{CLR :TVM}}{\boxed{\text{FV}}}$$

Step 3
To enter **I/Y** as 3.75%, **N** as 7, and **FV** as $950

$$\textbf{3.75} \; \boxed{\text{I/Y}} \; \textbf{7} \; \boxed{\text{N}} \; \textbf{950} \; \boxed{\text{FV}}$$

5) | P/Y, C/Y | = | 1 |
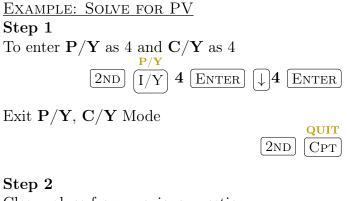 | I/Y | = | 4% |
    | N | = | |
    | PV | = | -$5200 |
    | FV | = | $6500 |

Step 4
Solve for **PV**

$$\boxed{\text{CPT}} \; \boxed{\text{PV}}$$

Version 2.3

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Answers/Solutions

1) $-889.93

2) $824.47

3) 5.55%

4) 8.52

5) 5.69

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