

pg 499 13.6 Travel Expenses

$$\text{Total Travel Expenses} = \text{Cost of Transportation} + \text{Cost of Lodging} + \text{Cost of Meals} + \text{Addl. Cost}$$

Ex #1.

Hotel	274.50
	274.50
Conf.	195.00
Meals	{ 79.12
	{ 98.23
	{ 35.62
Mileage	$240 \cdot 0.55 = 132$
Tolls	17.50
	<u>1106.47</u>

① $\text{Total} = T + L + M + \text{Add}$
 $976 + (219 \cdot 3) + 87.52 + 56.90 + 147.80 + 489$
 $\$2414.22 = 976 + 657 + 87.52 + 56.90 + 147.80 + 489$

Ex #2: $\text{Total} = T + L + M + \text{Add}$
 $438 = 146 + 219 + X + 2X + 25$
 $438 = 390 + 3X$
 $-390 \quad -390$
 $\frac{48}{3} = \frac{3X}{3}$
 $16 = X$

Lunch = 16
 Dinner = 32

③ $T = T + L + M + \text{Add}$
 $1200 = 495 + (235 \cdot 2) + (56 \cdot 2) + 2X$
 $1200 = 495 + 470 + 112 + 2X$
 $1200 = 1077 + 2X$
 $-1077 \quad -1077$
 $\frac{123}{2} = \frac{2X}{2}$
 $\$121.50 = X$

④ $29.76 + 27.80 + 66.48 + 145 =$
 ⑤ $80 \cdot 62$
 a) $49.60 + 46.90 + 260 = 6$
 ⑫ $\text{Total} = T + L + M + \text{Add}$
 $1800 = 2(375 + 50 + 19 + 25 + 70) + 60 + 4X$
 \downarrow
 $2(539) + 60 + 4X$
 $1078 + 60 + 4X$
 $1800 = 1138 + 4X$
 $-1138 \quad -1138$
 $\frac{662}{4} = \frac{4X}{4}$
 $165.5 = X$

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① Total = T + L + M + Add

$$2414.22 = 976 + (219.3) + 87.52 + 56.90 + 147.80 + 489$$

$$2414.22 = 976 + 657 + 87.52 + 56.90 + 147.80 + 489$$

Ex #2: Total = T + L + M + Add

$$438 = 146 + 219 + X + 2X + 25$$

$$438 = 390 + 3X$$

$$\begin{array}{r} 438 \\ -390 \\ \hline 48 = 3X \\ 3 \quad 3 \\ \hline 16 = X \end{array}$$

Lunch = 16
Dinner = 32

③ T = T + L + M + Add

$$1200 = 495 + (235 \cdot 2) + (56 \cdot 2) + 2X$$

$$1200 = 1077 + 2X$$

$$\begin{array}{r} 1200 \\ -1077 \\ \hline 123 = 2X \\ 2 \quad 2 \\ \hline \$ 61.50 = X \end{array}$$

④ $29.76 + 27.80 + 65.48 + 145 =$

⑤ $80 \cdot .62$
a) $49.60 + 46.90 + 2(60) = 6)$

⑫ Total = T + L + M + Add

$$1800 = 2(375 + 50 + 19 + 25 + 70) + 60 + 4X$$

$$1800 = 2(539) + 60 + 4X$$

$$1800 = 1138 + 4X$$

$$\begin{array}{r} 1800 \\ -1138 \\ \hline 662 = 4X \\ \quad \quad = X \end{array}$$