

# Europe Trip. Answers

$$H = \$760 / \text{week}$$

$$I = \$850$$

$$T = \$875$$

Saving per week:

$$H \div 760 \times 0.4 = \$304 \quad \rightarrow \%$$

$$I \div 850 \times \frac{3}{8} = \$318.75 \quad \rightarrow \text{Fraction}$$

$$T \div 875 \times 0.61 = \$533.75 \quad \rightarrow \text{decimal}$$

Cost per person:

$$\text{Return airticket} : \$2800 \times 1.15 = \$3220 \quad \rightarrow \text{GST}$$

$$5 \text{ weeks Europe} : \$106.67 \times 5 \times 7 = \$3733.33 \quad \rightarrow \text{Report}$$

Acc + food + spending

2 wks Bus Trip \$1200 Euro f

$$\text{In NZ \$} : 1200 \div 0.6359 = \$1887.09 \quad \rightarrow \text{Rates}$$

$$\text{Total Cost} = \del{\$8420.42}$$

$$= \$8840.42$$

Time to Save

$$H : 29.08 \text{ weeks} \approx 30 \text{ weeks}$$

$$I = 27.37 \approx 28 \text{ weeks}$$

$$T = \frac{8840.42}{533.75} \approx 17 \text{ weeks}$$

} rounding

$$\text{Amount to Save} = \$8840.42$$

B. Ratio: H : I : T    5 : 7 : 3

1) Israel spent most  $\frac{7}{15}$  \$.

$$2) 5 + 7 + 3 = \frac{15}{15}$$

$$3) \frac{320}{15} = 21.33 \approx \$22. \quad 5 \times 22 : 7 \times 22 : 3 \times 22$$

$$\$110 : 154 : 66$$

H            I            T.

Further recommendations.

For Excellence:

- 1) Exchange rates can change and this can either increase or decrease the cost.  
It will be better if they ~~save~~ Harjot and Israel ~~save~~ increase their saving to up to 50%. This will reduce their time and ~~with~~ there will be less chance of bigger rate change can work out the time.
- 2) To ~~to~~ All save bit extra to allow for any changes in ~~bus~~ ~~cost~~ Acc and food.
3. To be fair with Twor H & I should save atleast 50%. This reduce time.
- 4) Correct roundings for final ~~an~~ answers.