

1. Tony and his family plan to go on vacation. It takes $5\frac{1}{5}$ hours to reach the destination by car and 2 hours to reach by aeroplane. How much time can he save if he goes by air?
2. The cost of 1 ticket by air is $90\frac{1}{2}$ \$. How much did the tickets cost to him for a total of 4 family members to reach the destination?
3. At the food booth they had $\frac{1}{8}$ pizza and an apple pie each. If the cost of $\frac{1}{8}$ pizza is 2\$ and an apple pie costs $1\frac{1}{3}$ \$, how much did he spend at the food booth?
4. He gave a 20\$ note at the food booth. How much money did he get back?
5. He bought 4 gifts for his friends, each costing $5\frac{1}{3}$ \$. He also bought 2 games for his children costing $4\frac{2}{3}$ \$ and 3\$ from the same shop. How much did Tony spend on gifts and games?

1. Time saved by going by aeroplane = $5\frac{1}{5} - 2 = 3\frac{1}{5}$ hours.

Ans. Tony saves $3\frac{1}{5}$ hours if he goes by air.

2. Total cost of tickets for 4 members = $90\frac{1}{2} \times 4 = \frac{181 \times 4}{2} = 362\$$.

Ans. The tickets cost 362\$ to him.

3. Amount spent for each family member for $\frac{1}{8}$ pizza and an apple pie = $2 + 1\frac{1}{3} = 3\frac{1}{3}\$$.

Amount spent for the 4 family members = $3\frac{1}{3} \times 4 = \frac{10}{3} \times 4 = \frac{40}{3} = 13\frac{1}{3}\$$.

Ans. He spent $13\frac{1}{3}\$$ at the food booth.

4. Amount of money he got back = $20 - 13\frac{1}{3}\$ = 20 - \frac{40}{3} = \frac{60 - 40}{3} = \frac{20}{3} = 6\frac{2}{3}\$$

Ans. He got back $6\frac{2}{3}\$$.

5. Amount of money spent on 4 gifts = $5\frac{1}{3} \times 4 = \frac{16 \times 4}{3} = \frac{64}{3} = 21\frac{1}{3}\$$

Amount spent on games = $4\frac{2}{3} + 3 = 7\frac{2}{3}\$$

Amount spent on gifts and games = $21\frac{1}{3} + 7\frac{2}{3} = \frac{64 + 23}{3} = \frac{87}{3} = 29\$$

Ans. Tony spent 29\$ on gifts and games.