1) Here P = 30000
R = 7%
I = 4347

Time = $\frac{100 \times 4347}{30000 \times 7} = 2.07$

2) The simple interest = $\frac{4000 \times 2 \times 10}{100} = 800$

the sum of money = $\frac{1 \times 800}{2} = 400$

Sum of money = $\frac{100 \times 400}{3 \times 8} = \frac{5000}{3}$

= 1650 rupee

3) There is 6 year ₹2000 and 3 year interest

= $\frac{12000 \times 3 \times 6}{100} = 2160$

A) 2160 rupee

4) D) cannot be determined

6.) SP = 637

$$CP = \frac{100}{100-9} \times 637 = \frac{100}{91} \times 637 = 700$$

$$SP = \frac{100+5}{100} \times 700 = \frac{105}{100} \times 700 = 735$$

8.) $$CP = \frac{100}{100-20} \times 2500 = \frac{100}{80} \times 2500$$

$$CP = 3125$$

Profit = 3150 − 3125 = 25

$$\frac{25}{3125} \times 100\% = \frac{20}{100} \quad \frac{105}{21} : \frac{20}{21}$$

20 | 20.0