## Solve the following problems :

1. In a class of 30 students, $20 \%$ of the students scored an A on a difficult math exam. How many students scored an A?
2. Calculate $40 \%$ of 150 .
3. Find the number whose $25 \%$ is 150 .
4. Sam is riding his bike with a speed of 60 km per hour. If the total distance of the journey is 300 km , find the percent of distance covered by him in one hour ?
5. A retailer marked up the price of a designer handbag by $60 \%$. If the handbag originally cost $\$ 500$, what is the selling price after the markup?
6. A smartphone manufacturer offers a trade-in program where customers can get $30 \%$ off the price of a new phone when they trade in their old one. If a new phone costs $\$ 800$, how much can a customer save through the trade-in program?
7. During a sale, a department store offers a $10 \%$ discount on all items. If you buy three items originally priced at $\$ 60, \$ 80$, and $\$ 100$, what is the total amount you save?
8. Which of the following numbers is $80 \%$ of 450 .

| 200, | 300, | 360 | and | 400 |
| ---: | ---: | ---: | ---: | ---: |
| 2 | 3 | 4 | 5 | 6 |

