1. The ratio of the ages of a father and son is 7 : 2. If the father is 49 years old, what is the age of the son?

2. The ratio of A : B : C is 2 : 3 : 5. If their total is 100, what is B's share?

3. Two numbers are in the ratio 4 : 7. If 22 is added to each number, the new ratio becomes 3 : 4. Find the original numbers.

4. 45 is what percent of 180?

5. A price drops from $200 to $160. What is the percent decrease?

6. A student scores 72 out of 90. What percentage is this?