1. Five years ago, John’s age was half of the age he will be in 8 years. How old is he now?
2. John is twice as old as his friend Peter. Peter is 5 years older than Alice. In 5 years, John will be three times as old as Alice. How old is Peter now?
3. John’s father is 5 times older than John and John is twice as old as his sister Alice. In two years time, the sum of their ages will be 58. How old is John now?
4. Ten years from now, Orlando will be three times older than he is today. What is his current age?
5. Ben is eight years older than Sarah, 10 years ago. Ben is twice as old as Sarah. Currently, how old is Ban and Sarah?
6. Mary is three times as old as her son. In 12 years, Mary's age will be one year less than twice her son's age. How old is each now?
7. Aria is 4 times as old as Anusha is today. Sixty years ago, Aria was 6 times as old as Anusha. How old are they today?
8. John is 3 years older than Jim. Jim is 4 years less than twice David’s age. How old are the three boys if their ages add up to 35?
9. 8 years from now Mary will be 19 years old. The current sum of the ages of Mary and Jose is 41.

How old is Jose right now?

1. 5 years from now Kate will be 48 years old. In 10 years, the sum of the ages of Kate and Sharon will be 90. How old is Sharon right now?

Reflection and Extension:

How do you feel about these types of problems? How does the strategy you use to solve these types of problems relate to chemical mixture or percent composition problems?

|  |
| --- |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |