

Example: 5 years ago, the sum of the age of a mother and daughter was 34 years. 3 years from now, the mother will be 5 years greater than twice as old as her daughter will be. Find present ages.

EXAMPLE: A father is 4 times as old as his son. IN 8 YEARS their ages will TOTAL 56 years. Find their current ages.



3. In three years' time, Bob will be one and a half times as old as Ann.
Two years ago, Bob was twice as old as Ann.
How old is Ann?

[4]

15. A man is 30 years older than his youngest son. In 17 years he will be twice his son's age. How old is the son?

Answer [3 marks]



15. Hermione is 11 years old and her mother is 43 years old. How old will Hermione be when her mother is 12 times as old as Hermione was 7 years ago?



- 31.** Four years ago the combined age of 3 dogs was 24 years.
What will the combined age be in 2 years' time?

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17. George is 2 years and 9 months older than his sister Sophie.
George is 12 years and 5 months old.
How old is Sophie?

Answer: years months



15. The composer Johann Sebastian Bach lived for 65 years and 4 months.
The composer Georg Philipp Telemann lived for 86 years and 3 months.
For how much longer did Telemann live than Bach?

Answer: years months