



Math Olympiad and Problem Solving Programs  
F120 - Intermediate Problem Solving

Problem Set 19.1 - Age

Name:

Date:

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1. The sum of Albert and Ryder's age is 69 years old. Ryder will be three years older than Albert in ten years. How old is Ryder?
2. Alex K.'s age five years ago is the same as Nicholas' age seven years later. The sum of Alex's age four years from now and Nicholas' age 3 years ago is 35 years. How old is Alex?
3. Brandon is 35 years old. Calvin is 11 years old. How many years ago was Brandon five times as old as Calvin?
4. Michelle H. is 15 years old. Michelle K. is 11 years old. When their ages add to 100 years, how old will Michelle K. be?
5. The sum of Alex C. and his parents' ages is 77 years. If his parents are the same age and his mom is three times as old as Alex, how old is Alex?
6. In six years, the sum of Hunter and Matthew's ages will be 30 years. Hunter's age now is the same as the difference in ages between Matthew and Hunter. How old is Matthew?
7. Mason is 7 years old now. His father is 35 years old. When his father's age was eight times as old as Mason, how old was Mason?
8. Dale's age is one year more than twice the age of her student. Dale's age in two years will be the same as her student's age in 20 years. How old is Dale?
9. Willie is 10 years old and Charlie is 64 years old. How old will Willie be when Charlie's age is four times of Willie's age?
10. Daddy is four times as old as his son. In five years, the sum of their ages will be 55. How old will be Daddy then?