

# How old is Marcia?

Robin's age is 3 times Marcia's age.

Anna is twice as old as Marcia.

The sum of their ages is 30.

How old is Marcia?

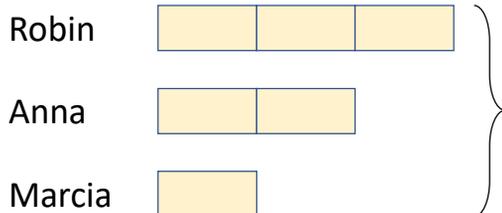
Noetic Learning's problem of the week, [www.noetic-learning.com](http://www.noetic-learning.com)

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# How old is Marcia?

Robin's age is 3 times Marcia's age. Anna is twice as old as Marcia. The sum of their ages is 30. How old is Marcia?



*This is a comparison problem.*

*We will need to draw a bar for each person. After reading the problem several times, start with drawing Marcia's bar. Robin is three times Marcia's age, so we need to represent Robin with three units.*

*Anna is twice as old as Marcia, so we need to represent Anna with two units. We know that their combined ages are 30 years. Divide 30 by the number of units which is 6. Each unit is worth 5 years, so Robin is 15, Anna 10 and Marcia 4 years old.*

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