

Show the setup of each problem, write an equation, and solve.

1) Tara is twice as old as Gwen. Their sister, Amy, is 5 years older than Gwen. If the sum of their ages is 29 years, find each of their ages.
2) Carol is 25 years older than her cousin Amanda. Cousin Bill is 3 times as old as Amanda. The sum of their ages is 90. Find each of their ages.
3) Derrick is 5 less than twice as old as Brandon. The sum of their ages is 43. How old are Derrick and Brandon?
4) Beth's mom is 6 times older than Beth. Beth's dad is 7 years older than Beth's mom. The sum of their ages is 72. How old are each of them?
5) Ruby is 2 years more than three times as old as her son, Raul. If the difference between their ages is 26, how old are Ruby and Raul?
6) Sam is ten less than 3 times as old as Alex. If the difference between their ages is 28, how old is Sam and Alex.
7) Eileen is 6 years older than Karen. John is three times as old as Karen. The sum of their ages is 56. How old are Eileen, Karen and John?
8) Taylor is 18 years younger than Jim. Andrew is twice as old as Taylor. The sum of their ages is 26. How old are Taylor, Jim and Andrew?
9) Siarra is 3 years less than four times as old as Gabby. If the difference between their ages is 72, how old are Siarra and Gabby.
10) Ramon is 15 years younger than Ricky. Ricky is four times older than Raquel. If the sum of their ages is 48 then how old are they.
11) Robert and Roberta are twins. The product of their ages is 196. If Bob likes cats, does that make him a bobcat?