



Zack's Phone Plan

Zack is investigating phone plan, and has \$20 to spend. One (we'll call it Plan A) has a prepaid phone plan that charges 15 cents for each text sent and 10 cents per minute for calls.

But another prepaid phone plan (we'll call it Plan B) charges a flat fee of \$15/month, then \$0.05 for every text sent OR minute used.

What is the best way to for him to spend \$20?



Steps to Solve a Multi-Step Equation

- 1.
- 2.
- 3.

Solve the equation. Check your answer.		
1. $17 + 3x = 8$	Check!	
2. $7e - e + 8 = -40$	Check!	
3. $-\frac{3}{4}x + \frac{1}{4} = \frac{2}{3}$	Check!	
4. $2(2x - 6) + 4 = 8$	Check!	
5. In #3 find the value of $5g$	6. In #4 find the value of $e + 3$	7. In #8 find the value of $9 - 3x$

Word Problem

Tom's sister is four years older than twice his age. The sum of their ages is 19. How old is Tom? How old is his sister?



Ticket out the Door

Your age: _____ 's age: _____

Knowing the answers of two people's ages write a word problem for your neighbor to solve that when solved they would be able to find your age and _____'s age.