TWO STEP LINEAR EQUATIONS

Answer all of these questions. Remember to show your working out in all questions.

MAIN QUESTIONS

1. $2x + 3 = 9$
2. $4x - 1 = 15$
3. $5x + 2 = 17$
4. $3x - 4 = 8$
5. $6x + 1 = 19$
6. $2x - 5 = 7$
7. $4x + 7 = 23$
8. $5x - 3 = 22$
9. $3x + 8 = 20$
10. $7x - 2 = 33$
11. $2x + 9 = 21$
12. $x/2 + 3 = 5$
13. $x/3 - 1 = 1$
14. $x/4 + 2 = 4$
15. $x/5 - 2 = 0$
16. $x/2 + 4 = 7$
17. $x/3 + 1 = 3$
18. $x/4 - 1 = 0$
19. $x/6 + 2 = 3$
20. $x/5 + 1 = 3$

MASTER QUESTIONS

M1. I think of a number, multiply it by 3, and then add 4. The result is 19. What is my number?

M2. A gardener plants a row of flowers. The number of daffodils is 5 more than twice the number of tulips. If there are 17 daffodils, how many tulips are there?