

Appendix C: Manipulating Algebraic Formulas

Solve the following formulas for x , then record the solution from the TI-92. Determine if your result is equivalent to the one given by the TI-92. Show your working out. If it is not equivalent, try the problem again.

Expression	Your result	TI-92
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1. $s = ax - t$

2. $s = ar - x$

3. $g = \frac{x}{a} + n$

4. $a = b - kx$

5. $b = \frac{h}{a + x}$

6. $t = \frac{ax}{by}$

7. $t = \frac{ay}{bx}$

8. $a = b - dx$

9. $u = t + vx$

10. $q = \frac{x}{p} - r$

11. $q = \frac{r}{x} + p$

12. $h = f - \frac{x}{a}$