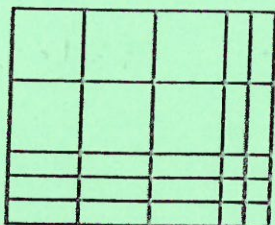


Homework 2.8 – AGS 2  
Factor trinomials

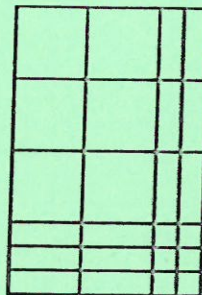
Name: \_\_\_\_\_

Write 2 equivalent expressions for the area of the blocks.

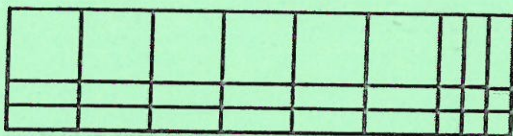
1.



2.



3.



Factor out the GCF, then factor the remaining trinomial.

4.  $3x^2 + 3x - 18$

5.  $2x^2 + 14x + 24$

6.  $4x^2 - 100$

7.  $5x^2 - 25x - 30$

8.  $2x^2 + 16x + 24$

9.  $3x^2 - 12$

Factor the following quadratic expressions.

10.  $2x^2 + 7x + 5$

11.  $2x^2 + 11x + 5$

12.  $3x^2 + 5x + 2$

13.  $3x^2 + 7x + 2$

14.  $2x^2 - 9x + 10$

15.  $2x^2 - 12x + 5$

16.  $5x^2 - 31x + 6$

17.  $5x^2 - 11x + 6$

18.  $4x^2 + 7x - 2$

19.  $6x^2 + 7x - 3$

20.  $6x^2 + 17x - 3$

21.  $2x^2 - 7x - 15$

22.  $2x^2 - x - 15$

23.  $4x^2 - x - 3$