

Name _____

11-5A Lesson Master

Questions on SPUR Objectives

See pages 708–711 for objectives.

SKILLS Objective B

In 1–6, expand and simplify.

1. $(n + 3)(n + 5)$

2. $(x + 2)(4x - 7)$

3. $(n^2 + 2n)(n + 5)$

4. $(y - 2)(5y^2 + y - 4)$

5. $(5m + x - 1)(m - 6x - 8)$

6. $(x + 8)(x + 3)(x - 2)$

REPRESENTATIONS Objective I

7. a. Express the area of the largest rectangle as length \cdot width.

b. Simplify your answer to Part a.

c. Express this area as the sum of nine smaller areas.

8. Show the product $(4x + 3)(x + 2)$ using areas of rectangles. Then write the product in standard form.

	5	a	b
b			
a			
2			