

## Section 2 (2000)

**Answer each of the following questions. Represent your answers in symbols.**

- |                       |  |                       |  |
|-----------------------|--|-----------------------|--|
| 1. $2x + 3y = 12$     |  | 21. $3x - 2y = 10$    |  |
| 2. $4x - 5y = 20$     |  | 22. $5x + 3y = 15$    |  |
| 3. $7x - 8y = 35$     |  | 23. $6x - 4y = 24$    |  |
| 4. $9x - 10y = 45$    |  | 24. $8x - 6y = 48$    |  |
| 5. $11x - 12y = 66$   |  | 25. $9x - 7y = 63$    |  |
| 6. $13x - 14y = 91$   |  | 26. $10x - 8y = 80$   |  |
| 7. $15x - 16y = 120$  |  | 27. $11x - 9y = 99$   |  |
| 8. $17x - 18y = 153$  |  | 28. $12x - 10y = 120$ |  |
| 9. $19x - 20y = 190$  |  | 29. $13x - 11y = 143$ |  |
| 10. $21x - 22y = 231$ |  | 30. $14x - 12y = 168$ |  |
| 11. $23x - 24y = 276$ |  | 31. $15x - 13y = 195$ |  |
| 12. $25x - 26y = 325$ |  | 32. $16x - 14y = 224$ |  |
| 13. $27x - 28y = 378$ |  | 33. $17x - 15y = 255$ |  |
| 14. $29x - 30y = 435$ |  | 34. $18x - 16y = 288$ |  |
| 15. $31x - 32y = 506$ |  | 35. $19x - 17y = 323$ |  |
| 16. $33x - 34y = 582$ |  | 36. $20x - 18y = 360$ |  |
| 17. $35x - 36y = 665$ |  | 37. $21x - 19y = 399$ |  |
| 18. $37x - 38y = 758$ |  | 38. $22x - 20y = 440$ |  |
| 19. $39x - 40y = 861$ |  | 39. $23x - 21y = 483$ |  |
| 20. $41x - 42y = 976$ |  | 40. $24x - 22y = 528$ |  |