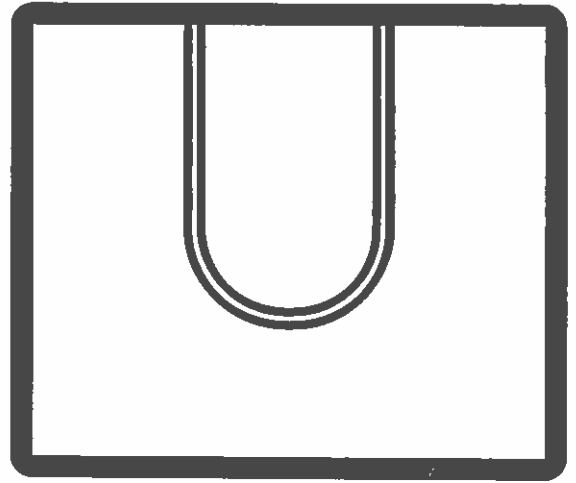


# What Is The Title of This Picture?

Factor the expression. then find your answer. Each time the exercise number appears in the code, write the letter of the answer above it. If the answer has a ●, leave the space blank.



Title: 12 5 14 1 11 9 6 13 1 4 7 10 1 3  
12 6 14 4 12 2 13 10 1 11 2 13 2 14 8 10

## answers 1-7

- G  $(n^2 + 8)(n + 6)$
- I  $(n^2 - 6)(n + 1)$
- E  $(n^2 + 3)(n + 4)$
- K  $(2n^2 + 3)(5n - 2)$
- U  $(9n^2 + 1)(10n - 3)$
- T  $(2n^2 - 3)(7n + 2)$
- A  $(n^2 + 8)(n - 3)$
- W  $(n^2 + 6)(n - 1)$
- $(7n^2 + 4)(2n - 11)$
- O  $(4n^2 - 3)(7n + 2)$
- V  $(7n^2 + 4)(2n - 15)$
- J  $(9n^2 + 1)(10n + 3)$
- D  $(2n^2 + 3)(5n + 2)$

- 1  $n^3 + 4n^2 + 3n + 12$
- 2  $n^3 - 3n^2 + 8n - 24$
- 3  $10n^3 + 4n^2 + 15n + 6$
- 4  $14n^3 - 77n^2 + 8n - 44$
- 5  $n^3 + n^2 - 6n - 6$
- 6  $28n^3 + 8n^2 - 21n - 6$
- 7  $90n^3 - 27n^2 + 10n - 3$
- 8  $x^3 + 4x^2 - 9x - 36$
- 9  $x^3 - 16x + 10x^2 - 160$
- 10  $10x^2 + 16x + 5xy + 8y$
- 11  $12x^3 - 21x^2 + 8xy - 14y$
- 12  $x^3 + x^2y + xy^2 + y^3$
- 13  $2x^3 + 8x^2 - 15x - 60$
- 14  $20x^3 + 48x^2 - 5x - 12$

## answers 8-14

- S  $(2x + y)(5x + 8)$
- H  $(3x^2 + 2y)(4y + 9)$
- R  $(2x + 1)(2x - 1)(5x + 12)$
- P  $(x + 10)(x + 4)(x - 4)$
- C  $(x^2 + y^2)(x + 3y)$
- $(3x^2 + 2y)(4x - 7)$
- T  $(4x^2 + 1)(5x - 12)$
- M  $(x + 3)(x - 3)(x + 4)$
- L  $(2x^2 - 15)(x + 4)$
- B  $(x + 10)(x - 4)^2$
- N  $(2x^2 - 15)(x - 4)$
- F  $(x^2 + y^2)(x + y)$
- Y  $(2x - y)(5x + 4)$