

# Why Is It Better to Be Married to a Successful Broadway Producer Than a Plumber?

Write the expression in factored form. Find your answer below the exercise. Then write the letter of the exercise in the box that contains the number of the answer.

E.  $a^2 + 6a - 7$

A.  $a^2 + 3a - 10$

L.  $a^2 - 5a - 6$

U.  $a^2 - 2a - 15$

S.  $a^2 + 9a - 22$

O.  $a^2 + 4a - 12$

H.  $a^2 - 23a - 50$

F.  $k^2 - 7k - 18$

U.  $k^2 + 13k - 30$

A.  $k^2 - 5k - 24$

E.  $k^2 + 34k - 35$

S.  $k^2 - 3k - 28$

L.  $k^2 + k - 72$

T.  $k^2 - 8k - 65$

B.  $x^2 + 8xy - 20y^2$

L.  $x^2 - 8xy - 33y^2$

H.  $x^2 + 11xy - 80y^2$

A.  $x^2 - 9xy - 36y^2$

S.  $x^2 + 5xy - 36y^2$

U.  $x^2 - 16xy - 36y^2$

F.  $x^2 - 36y^2$

- Answers
- 17.  $(a - 2)(a + 7)$
  - 5.  $(a + 1)(a - 6)$
  - 3.  $(a - 5)(a + 10)$
  - 9.  $(a - 2)(a + 6)$
  - 15.  $(a - 1)(a + 7)$
  - 13.  $(a + 1)(a - 10)$
  - 24.  $(a + 3)(a - 5)$
  - 20.  $(a - 2)(a + 5)$
  - 26.  $(a + 2)(a - 25)$
  - 22.  $(a - 1)(a + 5)$
  - 18.  $(a - 2)(a + 11)$

- Answers
- 25.  $(k + 4)(k - 7)$
  - 4.  $(k - 3)(k + 10)$
  - 1.  $(k + 3)(k - 8)$
  - 14.  $(k + 2)(k - 14)$
  - 17.  $(k + 5)(k - 13)$
  - 3.  $(k + 2)(k - 9)$
  - 12.  $(k - 1)(k + 35)$
  - 23.  $(k + 3)(k - 6)$
  - 6.  $(k - 8)(k + 9)$
  - 10.  $(k - 2)(k + 15)$
  - 16.  $(k + 5)(k - 7)$

- Answers
- 8.  $(x - 5y)(x + 16y)$
  - 19.  $(x - 4y)(x + 5y)$
  - 4.  $(x + 2y)(x - 18y)$
  - 23.  $(x + 3y)(x - 11y)$
  - 21.  $(x - 3y)(x + 11y)$
  - 16.  $(x + 3y)(x - 12y)$
  - 22.  $(x + 6y)(x - 6y)$
  - 14.  $(x - 2y)(x + 10y)$
  - 13.  $(x + y)(x - 36y)$
  - 11.  $(x - 4y)(x + 9y)$
  - 7.  $(x + 8y)(x - 10y)$

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
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