

Show ALL work on this sheet or attached paper. Be sure answer to riddle makes sense to you.

# How Did Snidely Spellbinder Write a Four-Letter Word That Begins and Ends With "E"?



Write each expression below in factored form. Find your answer in the set of answers under the exercise and cross out the box above it. When you finish, the answer to the title question will remain.

- ①  $x^2 + 3x + xk + 3k$
- ②  $a^2 - 2a + ad - 2d$
- ③  $uv + 5u + v^2 + 5v$
- ④  $x^2 - xk + 4x - 4k$
- ⑤  $ad + 3a - d^2 - 3d$
- ⑥  $y^3 + y^2 + 2y + 2$

- ⑦  $m^3 + m^2n + mn^2 + n^3$
- ⑧  $u^3 - u^2v + uv^2 - v^3$
- ⑨  $t^2 + 2t + 3kt + 6k$
- ⑩  $2ab + 14a + b + 7$
- ⑪  $m^2 + mn - 3m - 3n$
- ⑫  $5x^2y - x^2 + 5y - 1$

B	$(a - d)(d + 3)$	L	$(u^2 + v^2)(u - v)$
W	$(u + 2)(v + 5)$	G	$(x^2 + 1)(5y - 1)$
E	$(x + 4)(x - k)$	E	$(7a + 2)(b + 7)$
A	$(a + d)(a - 2)$	T	$(t + 3k)(t + 2)$
I	$(2y^2 + 1)(y + 1)$	I	$(m^2 + n^2)(m + n)$
N	$(x + k)(x + 3)$	A	$(3t - k)(t + 2)$
T	$(a - d)(d - 2)$	S	$(m^2 - 2)(m + n)$
R	$(v^2 + 2)(v + 1)$	P	$(2a + 1)(b + 7)$
H	$(x + k)(4x + 3)$	E	$(2x + 5)(5y - 1)$
4	$(u + v)(v + 5)$	N	$(m - 3)(m + n)$