

Did You Hear About...

A	B	C	D	E
F	G	H	I	J
K	L	M	N	???

Answers for A–G:

$(2b - 3)(r + 4)$ HUNTED
$(5c - d)(2c - d)$ WHEN
$(x + 3)(x - 2)$ THE
$(a + 2)(5a - 2)$ HE
$(x^2 + 1)(k + 4)$ BEAR
$(k^2 - 7)(x + 3)$ THE
$(a + 2)(2a + 5)$ MAN
$(k - 2)(x + 3)$ DEER
$(n - 5)(3n - 1)$ WHO
$(2b + 4)(r - 3)$ SHOT
$(5c - d)(2c + 4d)$ UNTIL



Factor each expression below. Find your answer in the appropriate answer column and notice the word beneath it. Write this word in the box containing the letter of that exercise. Keep working and you'll hear what's "bruin."

- (A) $x(x - 2) + 3(x - 2)$
- (B) $a(2a + 5) + 2(2a + 5)$
- (C) $n(3n - 1) - 5(3n - 1)$
- (D) $2b(r + 4) - 3(r + 4)$
- (E) $(x^2 + 1)k + (x^2 + 1)4$
- (F) $(5c - d)(2c) + (5c - d)(4d)$
- (G) $k^2(x + 3) - 7(x + 3)$
- (H) $w^2(3w - 1) + (3w - 1)$
- (I) $2d(5 - n^2) + (5 - n^2)$
- (J) $5t^2(t + 7) - (t + 7)$
- (K) $3u^2(u^2 + v^2) - v^2(u^2 + v^2)$
- (L) $(a - 2b)3a - (a - 2b)5b$
- (M) $6h(x^3 - 4) - (x^3 - 4)$
- (N) $(y^2 + 3)y^2 + 3(y^2 + 3)$

Answers for H–N:

$(6 - h)(x^3 - 4)$ MISS
$(5t^2 - 1)(t + 7)$ MADE
$(6h - 1)(x^3 - 4)$ ON
$(a - 2b)(5a + 3b)$ BEAR
$(2d + 1)(5 - n^2)$ RANGER
$(a - 2b)(3a - 5b)$ PUT
$(w^2 + 1)(3w - 1)$ FOREST
$(2d - 5)(5 - n^2)$ SHOOT
$(3u^2 - v^2)(u^2 + v^2)$ HIM
$(y^2 + 3)^2$ CLOTHES
$(u^2 + 3v^2)(u^2 + v^2)$ A

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	$(m - 3)(m + n)$