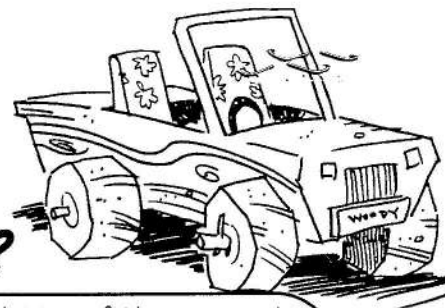


What Problem Did Dr. Cranium Fogg Have After Spending 10 Million Dollars to Build a Wooden Car With a Wooden Engine and Wooden Wheels?



Factor the expression, then find your answer below. Look for the letter of the answer in the string of letters near the bottom of the page and cross it out each time it appears. When you finish, write the remaining letters in the space at the bottom of the page.

1. $3k^2 + 14k + 15$

2. $5k^3 - 35k^2 - 40k$

3. $8k^3 - 162k$

4. $ak^2 - 11ak + 18a$

5. $k^4 + 7k^3 - 30k^2$

Answers 1-5

R. $2k(4k + 9)(k - 9)$

J. $5k(k + 1)(k - 8)$

Y. $a(k - 3)(k - 6)$

M. $k^2(k - 3)(k + 10)$

X. $2k(2k + 9)(2k - 9)$

S. $5k(k + 2)(k - 4)$

B. $(3k + 5)(k + 3)$

F. $k^2(k + 15)(k - 2)$

V. $a(k - 2)(k - 9)$

6. $8c^2 + 14c + 3$

7. $8c^3 - 36c^2 - 20c$

8. $15c^2 - 65c + 50$

Q. $c^4 - 8c^2 - 9$

10. $25c^4 + 10c^3 + c^2$

Answers 6-10

P. $4c(2c + 1)(c - 5)$

E. $(8c + 3)(c + 1)$

U. $(c^2 + 1)(c + 3)(c - 3)$

D. $5(3c - 5)(c - 2)$

G. $4c(2c + 5)(c - 1)$

H. $(4c + 1)(2c + 3)$

C. $c^2(5c + 1)^2$

Y. $5(3c - 10)(c - 1)$

I. $c^2(5c + 1)(5c - 1)$

11. $36x^3 + 3x^2 - 3x$

12. $40x^2 - 48x - 88$

13. $9x^2y^2 + 60xy^2 + 100y^2$

14. $2x^4 + 18x^3 + 40x^2$

15. $x^4 - 17x^2 + 16$

Answers 11-15

O. $2x^2(x + 2)(x + 10)$

S. $(x + 1)(x - 1)(x + 4)(x - 4)$

N. $3x(6x + 1)(2x - 1)$

L. $y^2(3x + 10)^2$

T. $8(5x + 11)(x + 1)$

R. $3x(4x - 1)(3x + 1)$

F. $2x^2(x + 4)(x + 5)$

W. $y^2(3x - 10)^2$

A. $8(5x - 11)(x + 1)$

FIXCTHRSWAYSOFBOLDVESUNG R P J O Y M



answer to puzzle:

