What Happened When Zonk Blew Air Into a Rubber Glove?

Solve each equation below. Find the solution set at the bottom of the page and write the letter of that exercise above it.

(G) $n^3 + 8n^2 + 12n = 0$

(A) $m^3 - 16m = 0$

(D) $a^3 + 3a^2 = 10a$

(I) $u^3 = 14u^2 + 32u$

(E) $2d^3 + 6d = 7d^2$

(O) $x^4 - 10x^2 + 9 = 0$

(A) $8y^3 = 2y$

(H) $9t^2 + 2t = 5t^3$

(G) $9k^3 + 30k^2 = 24k$

(T) $x^4 - 13x^2 + 36 = 0$

(H) $17v^2 + 5v = -6v^3$

(B) $5w^3 = 40w^2 - 80w$

(N) $30q^3 + 14q^2 - 4q = 0$

$\{0, -\frac{1}{5}, 2\}$	$\{0, \frac{3}{2}, 2\}$	$\{0, \frac{3}{2}, -\frac{3}{2}\}$	$\{0, -2, -6\}$	$\{1, -1, 3, -3\}$	$\{2, -2, 3, -3\}$	$\{0, 3, -2\}$	$\{0, 4, -4\}$	$\{0, \frac{2}{15}, -1\}$	$\{0, 4\}$	$\{0, 16, -2\}$	$\{0, \frac{2}{3}, -4\}$	$\{0, \frac{1}{2}, 5\}$	$\{0, -\frac{5}{2}, -\frac{1}{3}\}$	$\{0, \frac{1}{2}, -\frac{1}{2}\}$	$\{0, \frac{1}{5}, -\frac{2}{3}\}$	$\{0, 2, -5\}$

OBJECTIVE 4–d: To solve polynomial equations of degree three or four by factoring.

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