

TICKET

1

$$2(3x^2 - 14x - 5)$$

$$2(3x + 1)(x - 5)$$

TICKET

2

$$2(x^8 - 16)$$

$$2(x^4 - 4)(x^4 + 4)$$

$$2(x^2 - 2)(x^2 + 2)(x^4 + 4)$$

TICKET

3

$$3(x^3 + 8)$$

$$3(x + 2)(x^2 - 2x + 4)$$

TICKET

4

$$3x^4(x^3+1)+2(x^3+1)$$

$$(3x^4+2)(x^3+1)$$

$$(3x^4+2)(x+1)(x^2-x+1)$$

TICKET

5

$$(2x^8 + 3y)(2x^8 - 3y)$$

TICKET

6

$$(2x^2 - y)(4x^4 + 2x^2y + y^2)$$

TICKET

7

$$x^3(x^2 - 4) + 8(x^2 - 4)$$

$$(x^3 + 8)(x^2 - 4)$$

$$(x+2)(x^2 - 2x + 4)(x+2)(x-2)$$

TICKET

8

$$2(16 - x^4)$$

$$2(4 - x^2)(4 + x^2)$$

$$2(2 - x)(2 + x)(4 + x^2)$$

PKKKT

9

$$y(8 + 27y^3)$$

$$y(2 + 3y)(4 - 6y + 9y^2)$$

TICKET

10

$$(6x^4 - 5y)(6x^4 - 5y)$$