2005 Mathematics (2)

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1A

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2A

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3B

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4B*

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5C

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7D

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8D

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Solution(s):

From user: ar857

$$\begin{array}{c} 9005 \text{ I 8} \\ (a) (1ay + isy - n) (ay + (5) + hy - 9) (dy = 0) in exact \\ f = 472 6y^2 + 5xy - 9x + \frac{3}{2}y^2 - 4y + c \\ b) (1 + y) (a) + 4xy (dy - hot, exact \\ e) (1 - 2) (a) + (1 + hy) (dy - hot, exact \\ e) (1 - 2) (a) + (1 + hy) (dy - c) (1 + hy) (a) + (1 + hy) (a) \\ (x^2 + y^2)^2 + (x^2 - y^2) (1 + hy) ($$

9E

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10E*

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11F

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12F*

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