



## A company produces two types of solar panels

A company produces two types of solar panels per year:  $x$  thousand of type A and  $y$  thousand of type B. The revenue and cost equations, in millions of dollars, for the year are given as follows.  $R(x,y) = 3x + 2y$   $C(x,y) = x^2 - 2xy + 8y^2 + 7x - 58y - 3$  Determine how many of each type of solar panel should be produced per year to maximize profit. ...

A company produces two types of solar panels per year:  $x$  thousand of type A and  $y$  thousand of type B. The revenue and cost equations, in millions of dollars, for the year are given as follows.  $R(x,y) = 6x + 5y$   $C(x,y) = x^2 - 2xy + 8y^2 + 2x - 61y - 2$  Determine how many of each type of solar panel should be produced per year to maximize profit.

A company produces two types of solar panels per year:  $x$  thousand of type A and  $y$  thousand of type B. The revenue and cost equations, in millions of dollar for the year are given as follows.  $R(x,y) = 3x + 2y$   $C(x,y) = x^2 - 4xy + 8y^2 + 9x - 50y - 5$  Determine how many of each type of solar panel should be produced per year to maximize profit.

Question: A company produces two types of solar panels per year:  $x$  thousand of type A and  $y$  thousand of type B. The revenue and cost equations, in millions of dollars, for the year are given as follows.  $R(x,y) = 3x + 4y$   $C(x,y) = x^2 - 4xy + 8y^2 + 21x - 96y - 6$  Determine how many of each type of solar panel should be produced per year to maximize profit. The company will achieve a

A company produces two types of solar panels per year:  $x$  thousand of type A and  $y$  thousand of type B. The revenue and cost equations, in millions of dollars, for the year are given as follows.  $R(x,y) = 4x + 6y$   $C(x,y) = x^2 - 2xy + 7y^2 + 2x - 28y - 3$  Determine how many of each type of solar panel should be produced per year to maximize profit.

A company produces two types of solar panels per year:  $x$  thousand of type A and  $y$  thousand of type B. The revenue and cost equations, in millions of dollars, for the year are given as follows.  $R(x,y) = 5x + 7y$   $C(x,y) = x^2 - 3xy + 6y^2 + 4x - 14y - 8$  ...

Question: A company produces two types of solar panels per year:  $x$  thousand of type A and  $y$  thousand of type B. The revenue and cost equations, in millions of dollars, for the year are given as follows.  $R(x,y) = 6x + 8y$   $C(x,y) = x^2 - 22xy + 88y^2 + 1010x - 1010y - 1010$  ...

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follows.  $R(x,y)=6x+7y$   $C(x,y)=x^2-3xy+8y^2+15x-87y-9$  Determine how many of each type of solar panel should be produced per year to maximize profit. The company will achieve a

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$R(x,y)=5x+4y$  $C(x,y)=x^2-3xy+9y^2+16x-107y-8$  Determine how many of each type of solar panel should be produced per year to maximize profit.

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A company produces two types of solar panels, A and B, that sell for \$4 million and \$3 million per thousand units, respectively. The cost of producing  $x$  thousand of type A and  $y$  thousand of type B is  $x^2 - 2xy + 7y^2 + 2x - 19y - 3$ . Find the values of  $x$  and  $y$  that maximize the company's profits. [Note: Profit = (revenue) - (cost).]

Business Calculus Online Homework: Section 6.3 NI 4 of 4 (2 complete) Score: 0 of 3 pts Bus Econ 6.3.15 Assigned A company produces two types of solar panels per year  $x$  thousand of type A and  $y$  thousand of type B. The revenue and cost equations, in millions of dollars, for the year are given as follows  $R(x,y) = 5x + 4y$   $C(x,y) = x^2 - xy + y^2$  ...

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A company produces two types of solar panels per year:  $x$  thousand of type A and  $y$  thousand of type B. The revenue and cost equations, in millions of dollars, are  $R(x,y) = 3x + 4y$  and  $C(x,y) = x^2 - 3xy + 6y^2 + 8x - 26y - 2$ . Determine how many of each type of solar panel should be produced per year to maximize profit. The company will achieve a maximum profit by selling solar panels ...

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