

Arrange the tiles in the shape of a square. What tiles have to be added to make a perfect square out of $x^2 + 4x$?

$-x^2$ x $-x$ -1
 1

$(x+2)(x+2)$

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What value of c makes $x^2 - 2x + c$ a perfect square?

x^2 $-x^2$ x $-x$ -1
 1

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

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What value of c makes $x^2 - 6x + c$ a perfect square?

x^2 $-x^2$ x $-x$ -1
 1

$+9$

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Predict the number c needed to make $x^2 + 8x + c$ a perfect square trinomial.

$(\frac{1}{2}(8))^2$

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How many tiles would need to be added to make $x^2 + 5x$ a perfect square?

x^2 $-x^2$ x $-x$ -1
 1

$(\frac{5}{2})^2$ $\frac{25}{4}$

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How many tiles would need to be added to make $x^2 + 5x$ a perfect square?

x^2 $-x^2$ x $-x$ -1
 1

$(\frac{5}{2})^2$ $\frac{25}{4}$

Sep 26-8:15 PM