

Course > Week 2 > Sums o... > Proble...

Problem (7-8)

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Problem 7

1.0/1.0 point (graded)

Fill a positive integer into each blank. In each equation, the first integer should be smaller than the second integer.

$$41 = A^2 + B^2$$

$$73 = C^2 + D^2$$

$$101 = E^2 + F^2$$



Answer: 4

Answer: 5

Answer: 3

Answer: 8

Answer: 1

Answer: 10

4

5

3

8

1

10

Submit

You have used 1 of 2 attempts

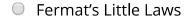
1 Answers are displayed within the problem

Problem 8

1.0/1.0 point (graded)

Fermat's Theorem on Sums of Squares is a special case of more general laws of prime numbers.

What is the name of these laws?



Square Prime Laws

Reciprocal Laws

Reciprocity Laws

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You have used 1 of 2 attempts

Answers are displayed within the problem

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