



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

Problem (7-8)

🔖 Bookmark this page

Problem 7

1/1 point (graded)

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

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

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

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

$A =$



$B =$



$C =$



$D =$



$E =$



$F =$



Answer: 4

Answer: 5

Answer: 3

Answer: 8

Answer: 1

Answer: 10

Submit

You have used 1 of 2 attempts

i Answers are displayed within the problem

Problem 8

1/1 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?

☐ Fermat's Little Laws☐ Square Prime Laws☐ Reciprocal Laws☒ Reciprocity Laws ✓[Submit](#)

You have used 1 of 2 attempts

i Answers are displayed within the problem

[Learn About Verified Certificates](#)

© All Rights Reserved



English ▼

© 2012–2017 edX Inc. All rights reserved except where noted. EdX, Open edX and the edX and Open edX logos are registered trademarks or trademarks of edX Inc. | 粤ICP备17044299号-2

POWERED BY
OPENedX