

Using Square Number Differences

Complete the tables.

1

a	7	9		40	
a^2			144		2,500

2

b	8		12	15	
$b^2 - 1$		99			899

3

c	4				11
$(c + 2) \times (c - 2)$		5		396	
$c^2 - 4$			21		



Test Prep

- 4 A certain pair of numbers have a sum of 25 and a difference of 9. The numbers must be:
- A. 5, 5 C. 25, 9
B. 17, 8 D. 9, 16
- 5 The square of one number is added to the square of another number. The sum is 41. The numbers could be:
- A. 6, 2 C. 5, 4
B. 40, 1 D. 3, 5