

Name: Aaliyah

Date: _____

Class: _____

Teacher: _____

PROVE IT!

Agree or Disagree with the following:

"45 + 16 is the same as 40 + 10 plus 5 + 6. So, 45 x 16 is the same as 40 x 10 plus 5 x 6."

$45 + 16 = 61$

$40 + 10 + 5 + 6 = 61$

$45 \times 16 = 430$

Handwritten work for 45×16 showing a partial product of 30 and a total of 400.

$40 \times 10 = 400$
 $5 \times 6 = 30$
 430

Explain AND Show your work to prove your answer.

i disagree because when you add your putting 2 numbers together and when you multiply you adding over again and when i added 45 and 16 i got 61 and when i did 40 + 10 + 5 + 6 and that also got me 61 and when i multiply 45 and 16 i got 430 and when i multiplied i got a bigger number then when i added and when i multiplied it was 45 groups of 16