

Name: jahzara

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."

61

40 5

10	400	50
6	240	30

61

400

240

50

30

720

$40 \times 10 = 400$

$5 \times 6 = 30$

430

Explain AND Show your work to prove your answer.

I disagree because in class we said if we multiply 1 place value by a number you must multiply that by the other place value. I know that because in equation we where to do was break up 45×16 but if you look at my work you can see that i got 2 different answers when i broke up the place value's I got the wrong answer but when i multiplied using a array i got the right answer and when you use a array you are still multiply the whole number but breaking down each number so that's why i disagree