

Name: Ethan W

Date: \_\_\_\_\_

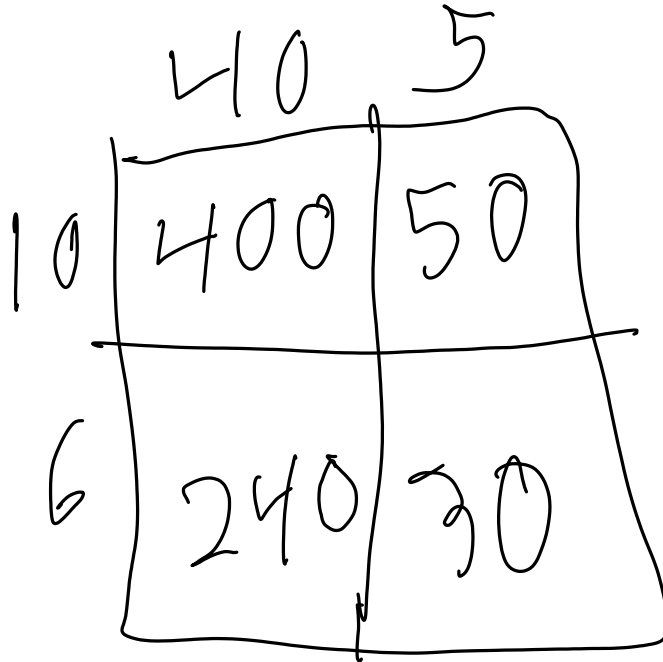
Class: \_\_\_\_\_

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."



$$\begin{array}{r} 1 \\ 400 \\ 240 \\ \hline 50 \\ 30 \\ \hline 720 \end{array}$$

$$\begin{array}{r} 40 \times 10 = 400 \\ 5 \times 6 = 30 \\ \hline 430 \end{array}$$

Explain AND Show your work to prove your answer.

I disagree because when you do  $40 \times 10 + 5 \times 6$  that = 430 also when you do it like this your braking both of the numbers and ~~you can't do that in multiplication~~ and when use an array you do  $40 \times 10 + 40 \times 6$  and  $5 \times 10 + 5 \times 6$  and when all added together that equals 720 and that's how your's supposed to do it

---

---

---

---

---

---

---