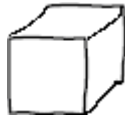


Multiplication and Division in Xmania

Name _____

Group _____

Please complete each of the following operations with an illustration with blocks (either using the language of blocks or using pictures). Write the answer in the box. How reasonable is your answer? How do you know that you have an accurate answer? Block sketches can be simple, like these:



Cube



Flat



Long



Unit

- | | | |
|--|--|---|
| <p>1. a. $B \times C =$ <input type="text"/></p> <p>b. $B \times CO =$ <input type="text"/></p> <p>c. $B \times COO =$ <input type="text"/></p> <p>d. $B \times COOO =$ <input type="text"/></p> | <p>3. a. $C \times A =$ <input type="text"/></p> <p>b. $C \times AO =$ <input type="text"/></p> <p>c. $C \times AOO =$ <input type="text"/></p> <p>d. $C \times AOOO =$ <input type="text"/></p> | <p>5. a. $CB \times C =$ <input type="text"/></p> <p>b. $CB \times CO =$ <input type="text"/></p> <p>6. $COD \times B =$ <input type="text"/></p> <p>7. $ABC \times B =$ <input type="text"/></p> <p>8. $BC \div C =$ <input type="text"/></p> <p>9. $AOA \div D =$ <input type="text"/></p> <p>10. $ACC \div AD =$ <input type="text"/></p> |
| <p>2. a. $C \times D =$ <input type="text"/></p> <p>b. $CO \times D =$ <input type="text"/></p> <p>c. $COO \times D =$ <input type="text"/></p> <p>d. $COOO \times D =$ <input type="text"/></p> | <p>4. a. $AB \times B =$ <input type="text"/></p> <p>b. $ABO \times B =$ <input type="text"/></p> <p>c. $ABOO \times B =$ <input type="text"/></p> <p>d. $AB \times BO =$ <input type="text"/></p> | |

11. Look carefully at the first five exercises. Articulate a short cut for doing these kinds of exercises that might be discussed in an Xmanian classroom. Use your best English and speak as an Xmanian teacher would to an Xmanian student (as opposed to like a MA 101 student speaking to a MA 101 teacher.)
