

























Name _____

Date _____

Binary Operations - Matching Worksheet

Write the letter of the answer that matches the problem.

1. Is this operation commutative?

2. Name the identity element, or explain why none exists.

3. For each element having an inverse, name the element and its inverse.

4. True or False

$$\left(\begin{matrix} \text{Pudding} & \text{Cake} & \text{Ice cream sundae} \end{matrix} \right) \begin{matrix} \text{Ice cream sundae} \\ \text{Ice cream cone} \end{matrix} = \begin{matrix} \text{Ice cream cone} \\ \text{Cake} \end{matrix} \begin{matrix} \text{Ice cream cone} \\ \text{Ice cream sundae} \end{matrix}$$

a.



b.

True

c.

Yes

d.

Inverse:

