An addition table for a subset of real numbers is shown below. Which number is the identity element? Explain your answer.

060224a

The operation element @ is determined by the following table: 2

080112a

What is the identity element of this operation?

- (1) a, only (2) b, only

- (3) c (4) a and b
- What is the identity element for ♣ in the accompanying table? 3

080514a

(3) t (4) u

In the addition table for a subset of real numbers shown below, which number is 4 the inverse of 3? Explain your answer.

080222a

\oplus	1 2 3 4 1	2	3	4
1	2	3	4	1
2	3	4	1	2
3	4	1	2	3
4	1	2	3	4