

## Matrix algebra – addition and multiplication

### Exercise 2.8

- a. If  $x + 0 = 0$ , what do you know about the components of  $x$
- b. If  $0x = 0$ , what do you know about the components of  $x$ ?
- c. Solve the vector equation  $4x - 7a = 2x + 8b - a$  for  $x$  in terms of vectors  $a$  and  $b$ .