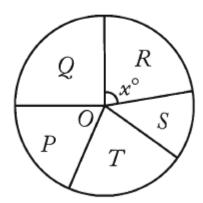1

Each of the letters in the table above represents one of the numbers 1, 2, or 3, and each of these numbers occurs exactly once in each row and exactly once in each column. What is the value of r?

(1) v + z = 6
(2) s + t + u + x = 6

2

TOTAL EXPENSES FOR THE FIVE DIVISIONS OF COMPANY H

The figure above represents a circle graph of Company H's total expenses broken down by the expenses for each of its five divisions. If O is the center of the circle and if Company H's total expenses are $5,400,000, what are the expenses for Division R ?

(1) x = 94
(2) The total expenses for Divisions S and T are twice as much as the expenses for Division R.