

2020Q2

(FRACTIONS, PERMUTATIONS)

One Energy encourages all employees to take an Emergency Medical Technician (EMT) course through the One Energy Training Institute. Because many project sites are in remote areas, having EMTs on staff means team members are never far from help. One Energy has 25 employees. Six employees have received only EMT – Basic training. Four Employees, after completing the Basic training, continued on to EMT – Advanced training.

Level 1: What fraction of employees have received only EMT – Basic training? What fraction of employees have received EMT – Advanced training? What fraction have received any level of EMT training? Express these values in both fraction and decimal form.

Level 2: How many different combinations of 3 employees can be made? Each combination must have one employee who has received only EMT – Basic training, one employee who has received EMT – Advanced training, and one employee who has received no EMT training.

If the four EMT – Advanced employees are sitting in a row, how many different ways can the row be organized?

One Energy EMT students practice skills.

