Graph: 2

* Undirected Graph:

Number of Nodes (n) = 17
Number of Edges (e) = 15

$max[E] = n(n-1)/2$

$= 17(17-1)/2$

$= \boxed{136}$

Density $= e / max[E]$

$= 15/136$

$= \boxed{0.11}$

* Directed Graph:

Number of Nodes (n) = 17
Number of Edges (e) = 15

$max[E] = n(n-1)$

$= 17(17-1)$

$= \boxed{272}$

Density $= e/max[E] = \frac{15}{272} = \boxed{0.055}$

Average Degree: $\frac{\text{Sum [Degree (nodes)]}}{\text{Total no of nodes}}$

: 1+1+1+1+1+1+1+1+1+1+1+1+1+1+1+1+2+3 / 17

Average Degree.: 30/17 = 1.76

Graph: 3

Number of Nodes (N) = 15

Number of Edges (E) = 10

$max(E) = n(n-1)/2$

$= 15(15-1)/2$

$= 105$

$\text{Density} = e / max[E]$

$= 10/105$

$= 0.09$

Average Degree: $\frac{\text{Sum (Degree (Node)]}}{\text{Total no of Nodes}}$

$$= 1+1+1+1+1+1+1+1+1+1+1+2+2+1+2+3 \;/15$$

Average Degree $= \boxed{1.33}$