

Universidad Mariano Gálvez de Guatemala

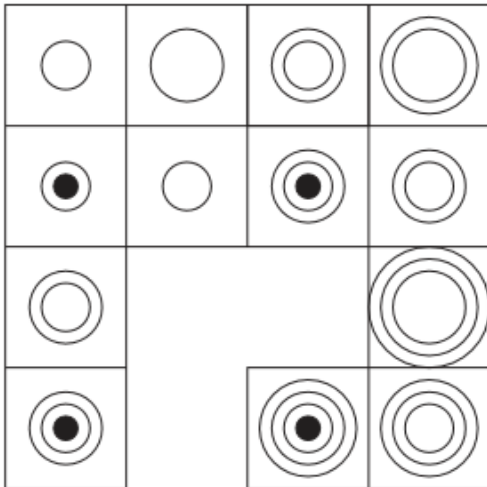
Facultad: Ingeniería

Carrera: Industrial-Mecánica-Química

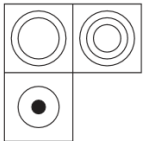
Código Curso: 836

Nombre curso: Epistemología y metodología de la investigación científica

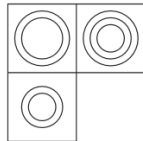
Catedrático: Ing. Rita de León



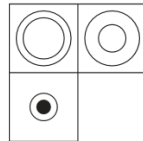
¿Qué patrón falta en la parte vacía?



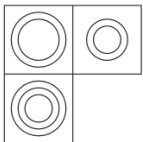
A



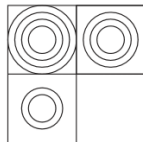
B



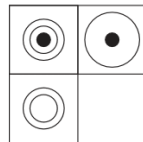
C



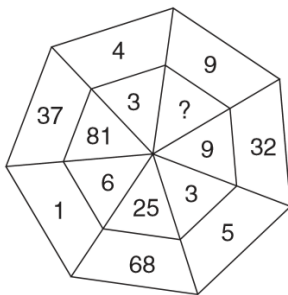
D



E



F



¿Qué numero falta?

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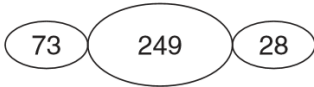
Facultad: Ingeniería

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Código Curso: 836

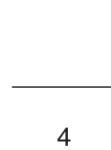
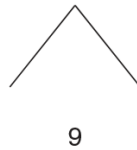
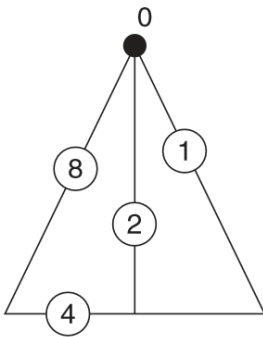
Nombre curso: Epistemología y metodología de la investigación científica

Catedrático: Ing. Rita de León

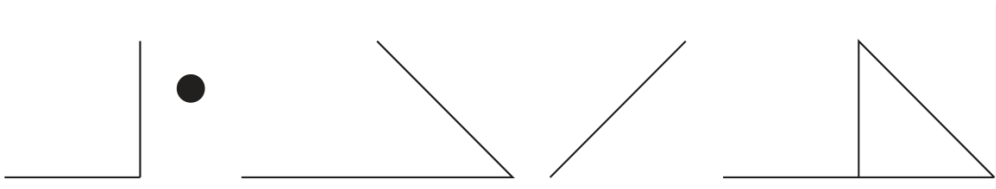


3829	4873
6952	8176
3521	9632

3235	6912
7669	1825
7338	?



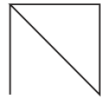
Entonces qué número es representado por:



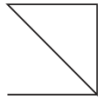
5	7	8	6	8	6
8	6	3	?	7	4
2	?	7	8	6	8
5	8	?	4	5	?
3	1	7	2	8	6
7	4	8	5	7	3



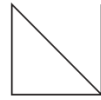
A



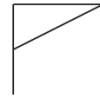
B



C



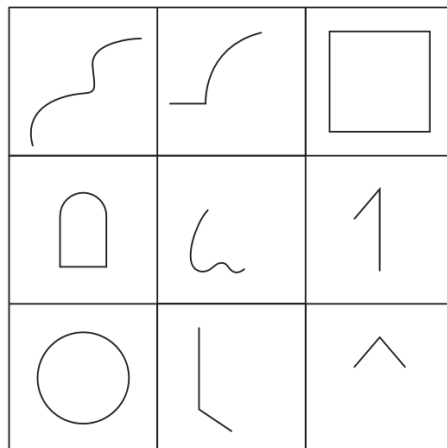
D



E

¿Quién es F?

Complete 9 dibujos:





¿Cuál de estos patrones sigue?



A



B



C

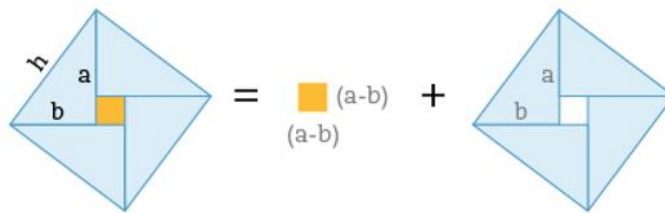


D



E

Demuestre de esta forma el teorema de Pitágoras.



$$h^2 = (a-b)^2 + 4\left(\frac{ab}{2}\right)$$

$$= a^2 + b^2$$