**25.** Si f (x) m 3x2 x 2, encuentre f (2), f (2), f (a), f (a), f (a 1), 2 f (a), f (2a), f (a2 ), Ff (a)G2 y f (a







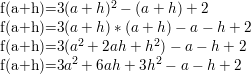








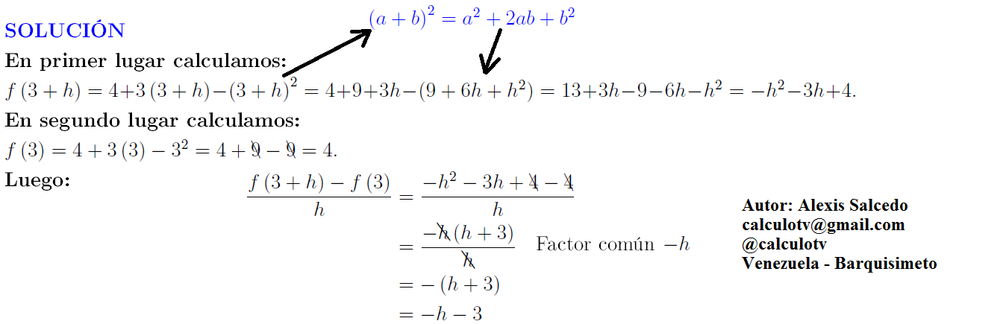




**27-30 Evalúe el cociente de diferencias de cada una de las**

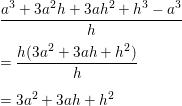
**siguientes funciones. Simplifique su respuesta.**

**27.**



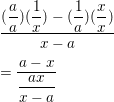
**28.** ,

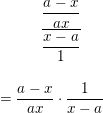
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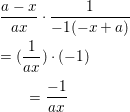
****

**29.**

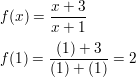




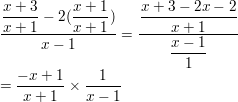




**30.**





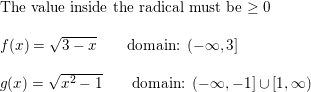
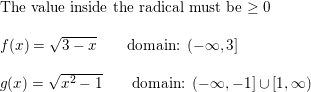


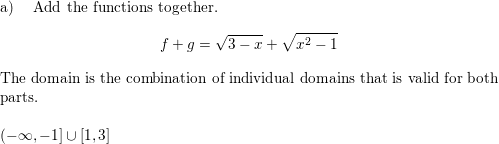


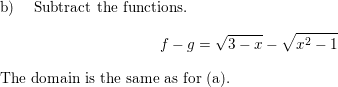


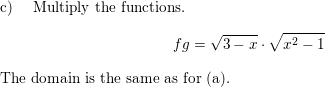
1.3

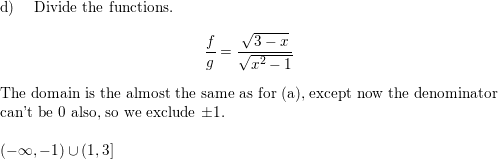
30.







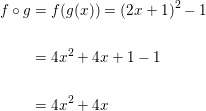


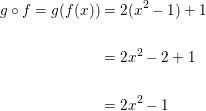


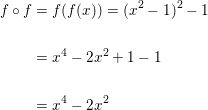
31-37 Encuentre el dominio de cada una de las siguientes funciones.

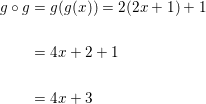
31.











D:XE(-∞,∞)

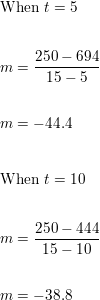
2.1

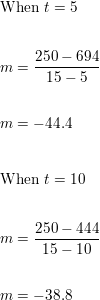
1. Encuentre la ecuación de la recta tangente a la parábola y = x² en el

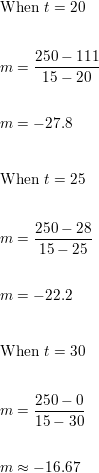
punto (1, 1).

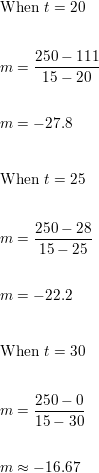


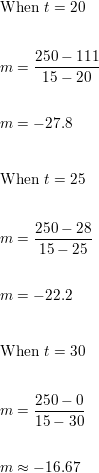
Cuando t = 5









 y m= -16.67

2.2

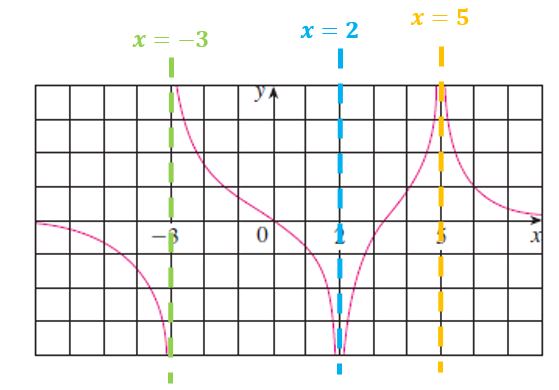
8)

a) 

b) 

c) 

d) 



9)

a)

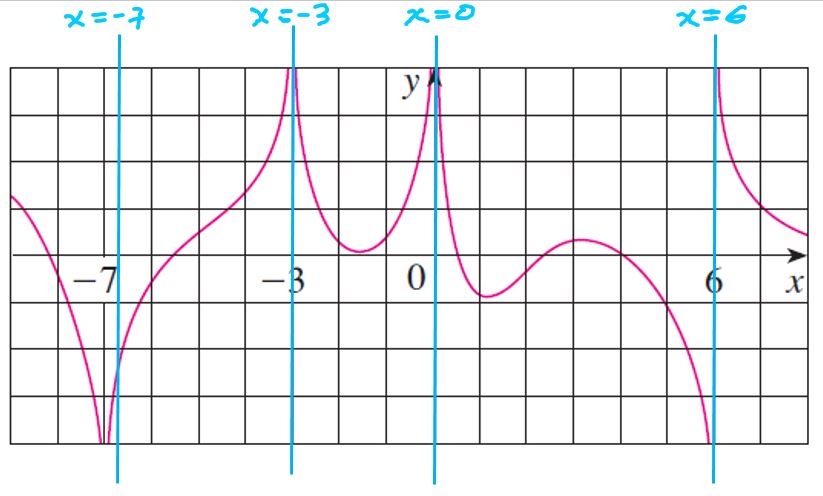


b) 

c) 

d) 

e) 



2.3

12.







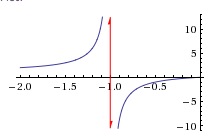
13.



Indefinido= el límite no existe

14.



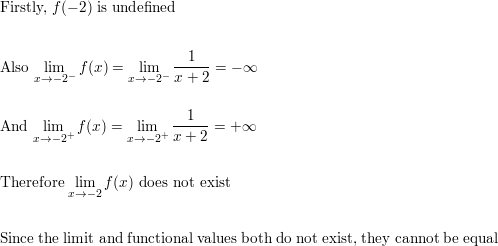


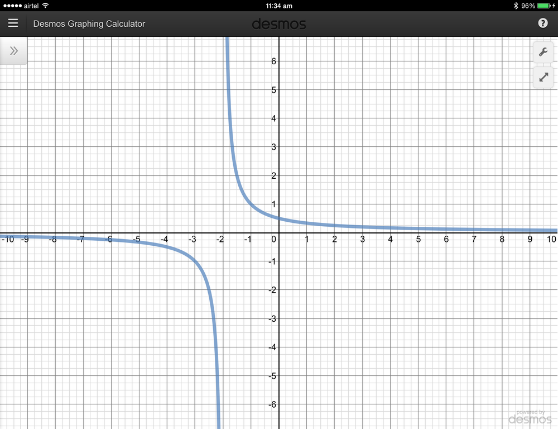


Indefinido=el límite no existe

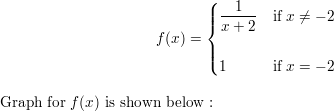
2.5

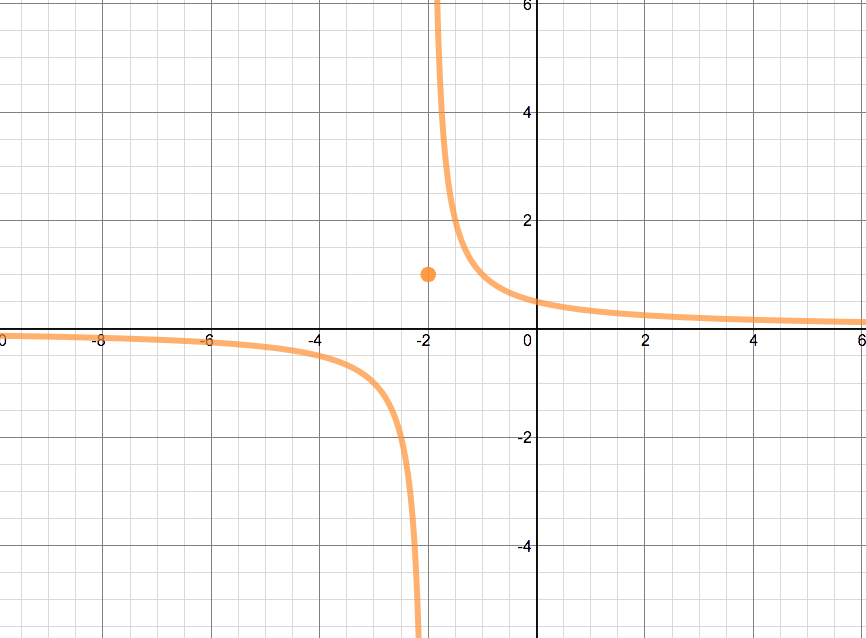
17.

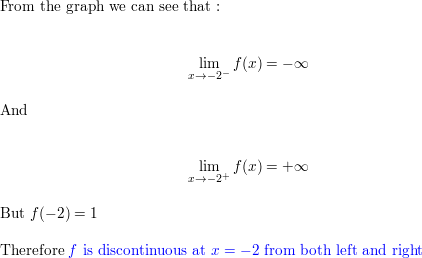




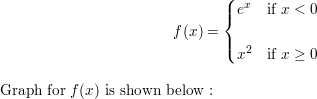
18.



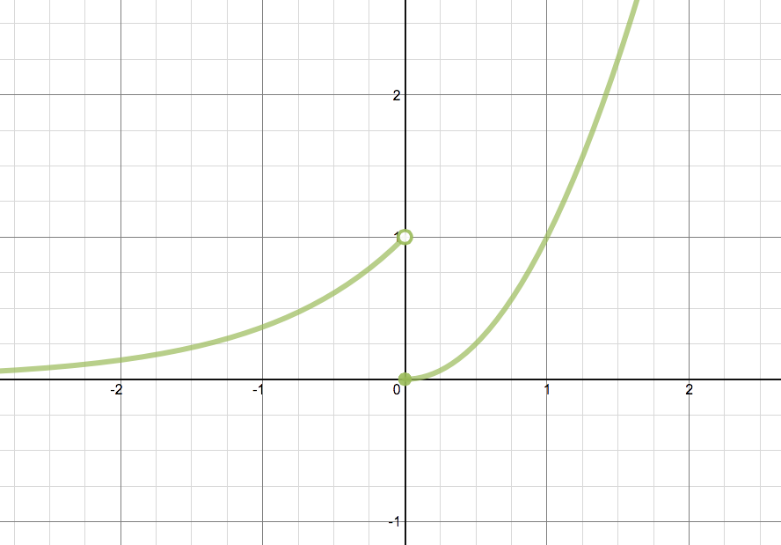




19.

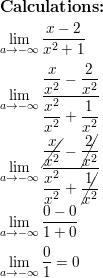
si × < 0

si × ≥ 0



2.6

17.



18.

