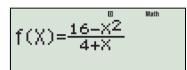
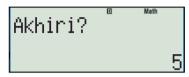
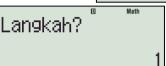
## **Investigating Limit**

1. The 991-ID Plus is very effective to generate tables of values for function. The example below shows the function  $f(x) = \frac{16-x^2}{4+x}$ .

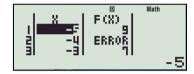


Mulai? -5





Look at carefully the values in the table beside, scroll down with **to check another answer.** What went **suspicious\***? Discuss with your partner.



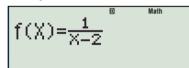
2. Operate another value of the function, start with -5, end up with -3, with 0.1 step\*. What can you see from the table of values?

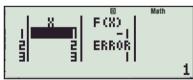


3. Operate another value of the function, start with -4.1, end up with -3.9, with 0.01 step. What can you see from the table of values?



4. Study the screens below to see that the limit of a function is available or not.





Repeating the steps on number (2) and (3), what can you find from this function?

5. Conclusions

What is a limit?

Is all function has limit value?

How can you find the value of limit\*?