Limits graphically

| 1hembers It brapn 3Agedra | Limits Oraphically |  |
| :---: | :---: | :---: |
| Name Pegina Solono Méndez aroup nivicamon 1410 z 117 |  |  |
| a) $\lim f(x)=3$ | 0) $\lim f(x) 3$ | c) $\lim /(x)=3 \quad f(t)$ |
| ¢) $\lim /(x)=2$ | -) $\lim f(u)=2$ | ${ }^{n} \lim f(x)=2$ |
| 9) $\lim ^{\text {m }}(x)=-2$ | n) $\lim ^{\prime} /(x)=-2$ | ${ }^{0} \lim ^{\prime \prime}(x)=-2$ |
|  |  | $\lim _{x \rightarrow-1^{-}} f(x)=2$ |
|  | $\div:$ | $\text { - } \lim _{x \rightarrow-1^{-}} f(x)=$ |
|  |  | * $\lim _{x \rightarrow-1} f(x)=$ |
|  |  |  |
| Areading |  |  |
| 1) (5) : $A$ |  |  |
| 2) $(-7.7=6$ |  |  |
| 3) $\operatorname{Lim} f(x)=2$ | 4) $\lim [f(x)]=2$ | 5) $\operatorname{Lim}[f(x)]=2$ |
| 6) $\operatorname{Lim}[f(x)]=-4$ | 7) $\operatorname{Lim}[f(x)]=-4$ | 8) $\operatorname{Lim}\|f(x)\|=-$ |
| 2. $2 \rightarrow(t)=4$ | 10) $\operatorname{Lim}[(x)]=-\infty$ | 11) $L \operatorname{Limf} f(x)]-\not \subset$ |

III. Based on the graph find the limits

a) $\lim _{x \rightarrow-} f(x)=1$
b) $\lim _{f=1} f(x)=0$
c) $\lim _{\ldots \rightarrow 1} f(x)=\not \quad f(-1)=1$
d) $\lim _{f(x)} f(x)$
e) $\lim _{x \rightarrow 1} f(x)=1$
7) $\lim _{x} f(x)=\nexists f(1)=-2$
9) $\lim _{x \rightarrow} f(x)=1$
h) $\lim _{x \rightarrow 2} f(x)=1$
j) $\lim _{x \rightarrow 1} f(x)=1 \quad f(2)=1$

