

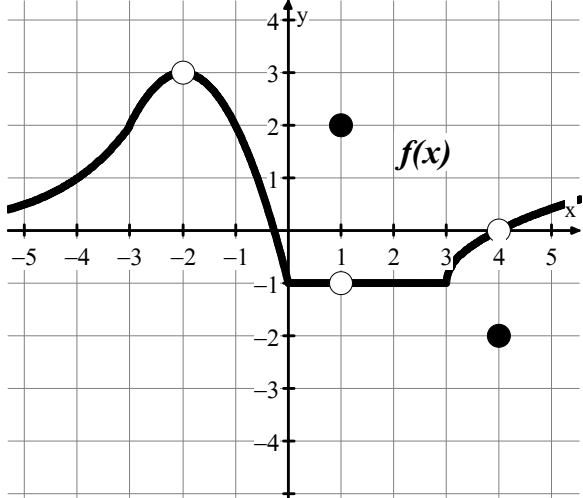
1.2 Defining Limits

Calculus

Name: _____

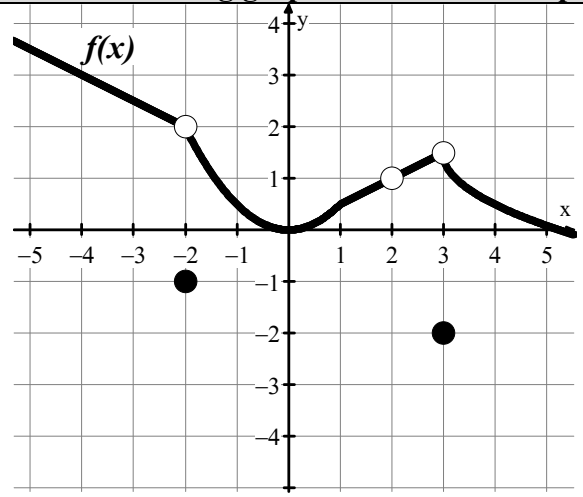
CA #1

Use the following graph to evaluate each problem.



- | | |
|-------------------------------------|-------------------------------------|
| 1. $\lim_{x \rightarrow -2} f(x) =$ | 2. $f(4) =$ |
| 3. $f(-2) =$ | 4. $\lim_{x \rightarrow -1} f(x) =$ |
| 5. $\lim_{x \rightarrow 4} f(x) =$ | 6. $\lim_{x \rightarrow 0} f(x) =$ |
| 7. $\lim_{x \rightarrow 1} f(x) =$ | 8. $f(1) =$ |

Use the following graph to evaluate each problem.



- | | |
|--------------------------------------|-------------------------------------|
| 9. $\lim_{x \rightarrow 2} f(x) =$ | 10. $f(-2) =$ |
| 11. $\lim_{x \rightarrow -4} f(x) =$ | 12. $f(3) =$ |
| 13. $\lim_{x \rightarrow -2} f(x) =$ | 14. $\lim_{x \rightarrow 0} f(x) =$ |
| 15. $f(2) =$ | 16. $\lim_{x \rightarrow 3} f(x) =$ |

Answers to 1.2 CA #1

1. 3	2. -2	3. undefined	4. 2
5. 0	6. -1	7. -1	8. 2
9. 1	10. -1	11. 3	12. -2
13. 2	14. 0	15. undefined	16. 1.5