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Chapter 2 Vocabulary

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|  |  |  |  |  |  |  | O |  | O |  |  |  | V |  |  |  |  |  | 4  G |
|  |  |  |  |  |  | 5  C | O | U | N | T | E | R | E | X | A | M | P | L | E |
|  |  |  |  | 6  C |  |  | F |  | D |  |  |  | R |  |  |  |  |  | O |
| 7  T |  |  |  | O |  |  |  |  | I |  |  |  | S |  |  |  | 8  C |  | M |
| R |  | 9  T |  | N |  |  | 10  C |  | T |  |  |  | E |  | 11  S |  | O |  | E |
| A |  | H |  | J |  |  | O |  | I |  | 12  V |  |  |  | Y |  | N |  | T |
| N |  | E |  | U |  |  | N |  | O |  | 13  A | X | I | O | M |  | C |  | R |
| S |  | O |  | N |  |  | V |  | N |  | L |  |  |  | M |  | L |  | Y |
| I |  | R |  | C |  | 14  N | E | G | A | T | I | O | N |  | E |  | U |  |  |
| T |  | E |  | T |  |  | R |  | L |  | D |  |  |  | T |  | S |  |  |
| I |  | M |  | I |  |  | S |  |  |  |  |  |  |  | R |  | I |  |  |
| V |  |  | 15  C | O | N | J | E | C | T | U | R | E |  |  | I |  | O |  |  |
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|  |  |  |  |  |  | 16  R | E | F | L | E | X | I | V | E |  |  |  |  |  |
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|  |  |  | 18  C | O | N | T | R | A | P | O | S | I | T | I | V | E |  |  |  |

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| **Across**  **5.** An example that shows a conjecture is false  **13.** A statement accepted as true  **14.** Not P  **15.** A concluding statement reached using inductive reasoning  **16.** A=A  **17.** Formed by joining two or more statements with the word "or"  **18.** If not q, then not p | **Down**  **1.** A logical argument that leads you from the hypothesis to the conclusion  **2.** If not p, then not q  **3.** If p, then q  **4.** the study of shapes  **6.** Formed by joining two or more statements with the word "and"  **7.** If A=B, and B=C, then A=C.  **8.** The phrase that follows the word "then"  **9.** A statement that requires a proof  **10.** If q, then p  **11.** If A=B, then B=A  **12.** logically correct |