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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_ | Period: \_\_\_\_\_\_\_ |

The Big Bang

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|  |  |  |  | 6  M |  |  |  |  |  | S |  |  | E |  |  |  | S |  | R |  |  |  |  |  |  |  |  |  |  |
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|  |  | 12  C | O | S | M | I | C | 13  B | A | C | K | G | R | O | U | N | D | R | A | D | I | A | T | I | O | N |  |  |  |
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|  |  |  |  | O |  | T |  | U |  |  |  |  | 14  S | T | A | R |  |  | G |  | E |  |  |  |  |  |  |  |  |
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| **Across**  **2.** Does not have any internal structures  **8.** A group of stars that are gravitationally bound  **12.** Leftover thermal energy from the big bang  **14.** Balls of gases that produce light and heat  **17.** Gas giants | **Down**  **1.** Rocky, Earth-like  **3.** The first inner planet  **4.** Large space rocks  **5.** Does not have a distinct shape contains many young stars and have intense star formation  **6.** Streaks of light caused by burning space rock  **7.** Objects moving away from the Milky Way give off a wave of light  **9.** Frozen gases and tiny dust particles  **10.** Fuzzy cloud of gas  **11.** Consists mostly of empty space  **13.** If a star is \_\_\_\_\_\_, then it is moving away  **15.** Matter that doesn't give off electromagnetic radition  **16.** The three main components for a galaxy are a bulge, disk, and halo  **18.** The second inner planet |