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

MIRORS AND LENSES

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| **Across**  **8.**  mirrors used by dentists  **9.** two types of images are real and \_\_\_\_\_\_\_\_\_\_\_  **11.** the center of the mirror  **13.** optical instrument uses 2 convex lenses to make a smaller object larger  **14.** The normai line, incident ray and the reflected ray lie on the same\_\_\_\_\_\_\_\_\_\_.  **15.** at 90 degrees \_\_\_\_\_\_\_images are formed | **Down**  **1.** bouncing of lights through a surface  **2.** a reflection of light through smooth surfaces  **3.** the point between the center of curvature and the vertex  **4.** a kind of curved mirror  **5.** negative values indicate that the image is\_\_\_\_\_\_\_\_\_\_\_\_\_  **6.** the center of the sphere in which the mirror is the part  **7.** parallel mirrors produce\_\_\_\_\_\_\_\_\_\_\_numbers of images  **10.** an instrument for observation over, around and through an obstacle  **12.** diverging mirrors |

   periscope       plane       specular       concave       curvature       focus       vertex       microscope       virtual       convex       infinite       spoon       three       reflection       inverted