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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