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Refraction and Lenses crossword puzzle

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| **Across****3.** Concave-convex lenses**4.** Consists of several simple lenses**6.** Distance from the center of the lens to the focal point**8.** First lens ever used**12.** Have curvature in only one directon**14.** A shaving mirror is this kind of mirror **16.** Binoculars use these**18.** A shaving mirror is this kind of mirror **19.** This point of a lens is generally noted with a capital F**20.** Used in lenses of sunglasses | **Down****1.** Has its optical surface broken up into narrow rings**2.** Cause light rays to bend to a focal point**5.** Cause light ray from a specific focal point to bend**7.** A mirror with a flat reflective surface**9.** Change in direction of a wave due to a change in its transmission medium**10.** Glasses or other transparent substance with curved sides**11.** What most lenses are made out of**13.** Spoon**15.** Microscopes use this type of lens**17.** Telescopes |