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| Goal • Show your understanding of the kinds of mirrors used for different purposes. |

Identify the type of mirror (plane, convex, or concave) used in each situation below. Write your answer on the line provided.

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| 1. bathroom wall mirror  blm2-18a  Purpose: to show your exact appearance  Type of mirror: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 2. car headlights and flashlights  blm2-18b  Purpose: to project a strong beam forward  Type of mirror: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 3. store surveillance mirror  blm2-18c  Purpose: to show a wide view  Type of mirror: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 4. cosmetic mirror  blm2-18d  Purpose: to show a magnified view of parts of your face.  Type of mirror: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 5. one-way mirror  blm2-18e  Purpose: to see into a brightly lit room; looks like a mirror to the people being observed  Type of mirror: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 6. car mirror  blm2-18f  Purpose: to show a wide-angle view behind and beside the car  Type of mirror: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 7. dental mirror  blm2-18g  Purpose: to make teeth visible and to  magnify them  Type of mirror: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 8. reflecting ball at a dance  blm2-18h  Purpose: to project portions of lights hitting it in many different directions  Type of mirror: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |