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| Diagram 1 – Object closer than focal point |
| concavemirror_virtualimage.pdf |
| Diagram 2 – Object at focal point |
| concavemirror_virtualimage.pdf |
| Diagram 3 – Object between focal point and center of curvature |
| concave_mirror_realimage.pdf |

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| Diagram 4 – Object at center of curvature |
| concave_mirror_realimage.pdf |
| Diagram 5 – Object beyond center of curvature |
| concave_mirror_realimage.pdf |

**Summary of Images formed by Concave Mirrors**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Object location** | **Image Type****(real or virtual)** | **Orientation****Upright or Inverted** | **Size** **Larger or Smaller** | **Image Location** |
| **Closer than f** |  |  |  |  |
| **At f** |  |  |  |  |
| **Between f and C** |  |  |  |  |
| **At C** |  |  |  |  |
| **Beyond C** |  |  |  |  |

**Convex Mirror**

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|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Object location** | **Image Type****(real or virtual)** | **Orientation****Upright or Inverted** | **Size** **Larger or Smaller** | **Image Location** |
| **Any** |  |  |  |  |