| 4 Months Old  | positioning Able to raise head and shoulders from prone position to a 45- to 90- degree angle from table; bears weight on forearms When held in standing position, able to bear slight fraction of weight on legs Regards own hand  |  | coordinate<br>stimuli from<br>various sense<br>organs  |   | av<br>st<br>si  |
|---|---|--|--|---|---|
| Drooling begins Moro, tonic neck, and rooting reflexes have disappeared | •Has almost no head lag when pulled to sitting position (see Fig. 9-2, C) •Balances head well in sitting position (see Fig. 9-5, C) Back less rounded, curved only in lumbar area Able to sit erect if propped up Able to raise head and chest off surface to angle of 90 degrees (see Fig. 9-3, B) Assumes predominant symmetric position •Rolls from back to side | •Inspects and plays with hands; pulls clothing or blanket over face in play Tries to reach objects with hand but overshoots Grasps object with both hands Plays with rattle placed in hand and shakes it but cannot pick it up if dropped Can carry objects to mouth | Able to accommodate to near objects Binocular vision fairly well established Can focus on a 1.25-cm (0.5- inch) block Beginning eye- hand coordination | Makes consonant sounds <i>n</i> , <i>k</i> , <i>g</i> , <i>p</i> , <i>b</i> • Laughs aloud Vocalization changes according to mood | Is in section of the |
| Beginning signs of tooth eruption Birth weight doubles                  | No head lag when pulled to sitting position When sitting, able to hold head erect and steady Able to sit for  | • Able to grasp<br>objects<br>voluntarily<br>Uses palmar<br>grasp, bi-<br>dextrous<br>approach<br>Plays with toes<br>Takes objects   | Visually pursues a dropped object Is able to sustain visual inspection of an object Can localize   | Squeals Makes cooing vowel sounds interspersed with consonant sounds (e.g., ah- goo)  | Smin<br>Pat<br>bi<br>bo<br>Mo<br>er<br>pl<br>m  |