## Major Developmental Milestones

<table>
<thead>
<tr>
<th>9 - 12 weeks</th>
<th>29 - 32 weeks</th>
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| - The fetus is 7 cm to 9 cm in length and weighs 28 g.  
- Fingers and toes are distinct  
- Placenta is complete  
- Fetal circulation is complete  
- Organ systems are complete | - The fetus is 38 cm to 43 cm in length and weighs 1,500 to 2,500 g.  
- Fetus is viable.  
- Eyelids open.  
- Fingerprints are set.  
- Vigorous fetal movement occurs. |

<table>
<thead>
<tr>
<th>13 - 16 weeks</th>
<th>33 - 38 weeks</th>
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| - The fetus is 10 cm to 17 cm in length and weighs 55 g to 120 g.  
- Sex is differentiated  
- Rudimentary kidneys secrete urine  
- Heartbeat is present  
- Nasal septum and palate close. | - The fetus is 42 cm to 29 cm in length and weighs 1,900 g to 2,700 g.  
- Face and body have a loose wrinkled appearance because of subcutaneous fat deposit.  
- Lanugo disappears.  
- Amniotic fluid decreases.  
**40 wks.** | - The fetus is 48 cm to 52 cm in length and weighs 3,000 g.  
- Skin is smooth.  
- Eyes are uniformly slate colored.  
- Bones of skull are ossified and nearly together at sutures. |