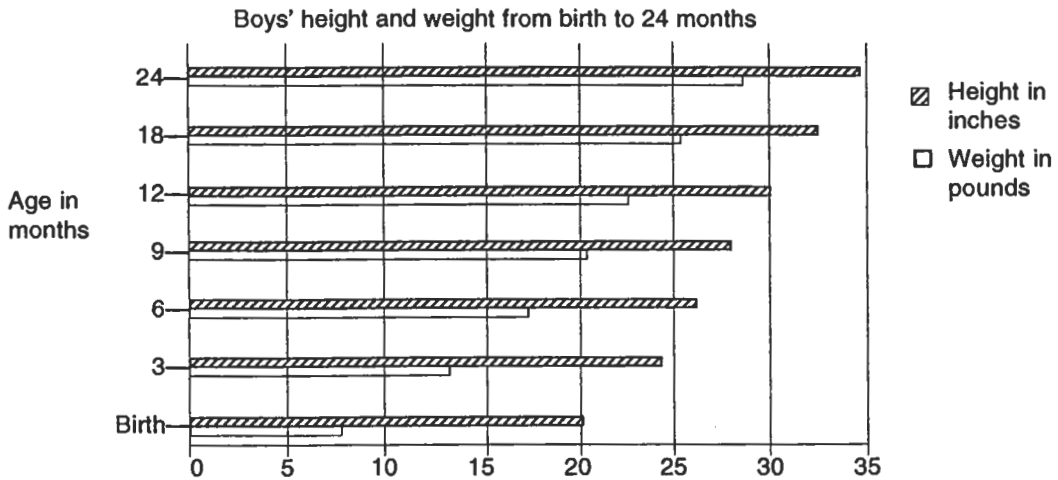


## Growth from Birth to Age 14

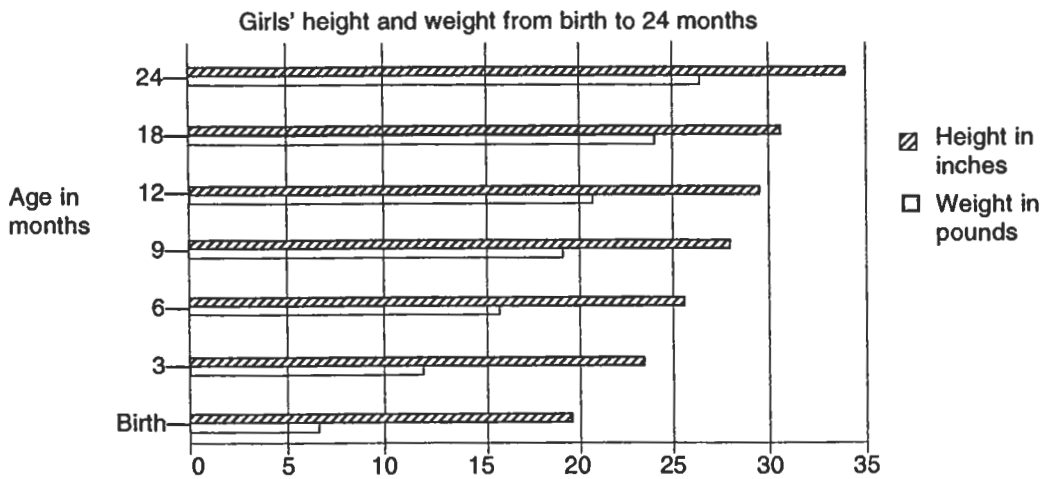
**Part A.**

Study the following tables and graphs.



Height	20	24	26.75	28.25	30	32.5	34.5
Weight	7.25	13.25	17.25	20.25	22.5	25.25	27.75
Age	Birth	3 mo.	6 mo.	9 mo.	12 mo.	18 mo.	24 mo.

Fig. 16.1.

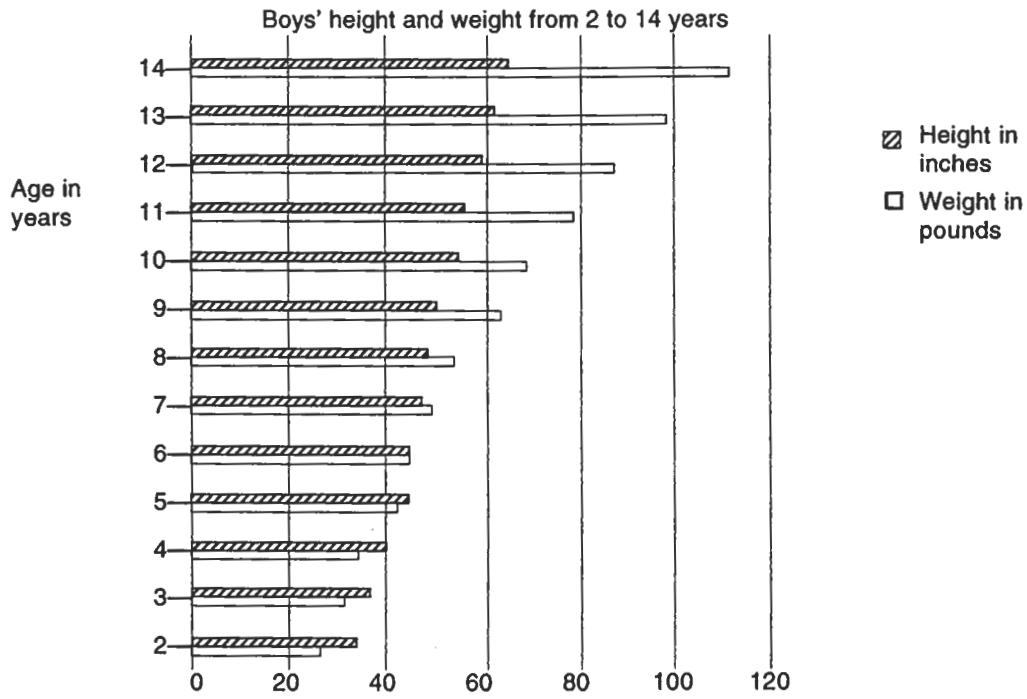


Height	19.75	23.5	26	27.75	29.25	31.75	34
Weight	7	12	16	18.75	21	23.75	26.25
Age	Birth	3 mo.	6 mo.	9 mo.	12 mo.	18 mo.	24 mo.

Fig. 16.2.

Figs. 16.1. and 16.2. National Center for Health Statistics, Health Resources Administration, DHEW, 1976. Monthly Vital Statistics Report 25 (3), 1976.

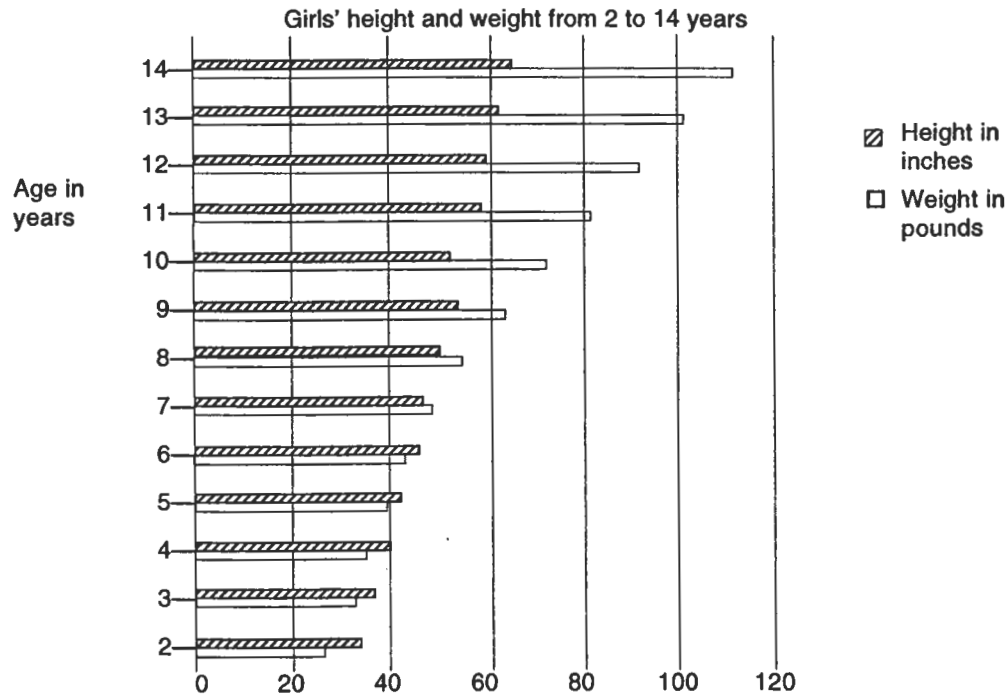
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Height	34	37	40	43	45	48	50	52	54	56	59	61	64
Weight	27	32	36	41	45	50	55	62	69	77	87	99	111
Age	2	3	4	5	6	7	8	9	10	11	12	13	14

Fig. 16.3.

Fig. 16.3. National Center for Health Statistics, Health Resources Administration, DHEW, 1976. Monthly Vital Statistics Report 25 (3), 1976.



Height	34	37	40	42	45	47	49	52	54	57	59	61	63
Weight	26	31	35	39	43	48	54	62	71	81	91	101	110
Age	2	3	4	5	6	7	8	9	10	11	12	13	14

Fig. 16.4.

Fig. 16.4. National Center for Health Statistics, Health Resources Administration, DHEW, 1976. Monthly Vital Statistics Report 25 (3), 1976.

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**Part B.**

Use the graphs labeled "Weight and Height from Birth to 24 Months" to answer the following questions. Use the specific data below each chart to help with the calculations.

1. What is the average weight and height of both boys and girls at birth?
2. During which period does weight increase the most?
3. During which period does height increase the most?
4. During which period do girls have the second highest increase in height?
5. What is the height and weight of girls at 24 months?
6. What is the height and weight of boys at 24 months?
7. Are there significant differences between girls' and boys' development in the first two years?

**Part C.**

Use the graphs labeled "Weight and Height from 2 to 14 Years" to answer the following questions.

1. What is the height of boys and girls at age 4?
2. During childhood, does the rate of stature remain basically the same in boys and girls?
3. Approximately how much do children grow each year?
4. Between age 2 and 14, are there any height spurts?
5. Between what ages does the average boy's weight start to increase more significantly than in the past? How much has he gained?
6. Between what ages does the average girl's weight start to increase more significantly than in the past? How much has she gained?
7. At what ages does the average girl weigh more than the average boy of the same age?
8. What do you think is the reason for this shift in weight advantage?