

### Length and mass of baby during pregnancy

Create a scatter diagram plotting length against mass. What does the graph line look like? What does this tell us?

Time (weeks)	Length (cm)	Mass (g)
8	1.5	1
12	6	14
16	13	100
20	25	300
24	30	600
28	37.5	1005
32	42	1700
36	47	2620
40	51	3460

Up to 20 weeks in utero, babies are measured from the top of their head to their bottom, as their legs are curled up against their bodies and are difficult to measure; from 20 weeks they are measured from the top of their heads to their heels.