

# Human Proportionality Lab



*Miss School, Miss Out!*

# Human Proportionality Lab

**Question:** Is a person's wingspan equal to his/her height?

**Hypothesis:** If you compare a person's wingspan and height, they will be very close in measurement (+/- 2.5 cm), because humans are proportional.

**Procedure:**

1. Measure height to the nearest 1/10 of a cm.
2. Measure wingspan to the nearest 1/10 of a cm.

**Observations/Data:**

**Analysis (Graph or Numeric):**

**Conclusion:**

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<i>Seat #</i>	<i>Wingspan (cm)</i>	<i>Height (cm)</i>
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		

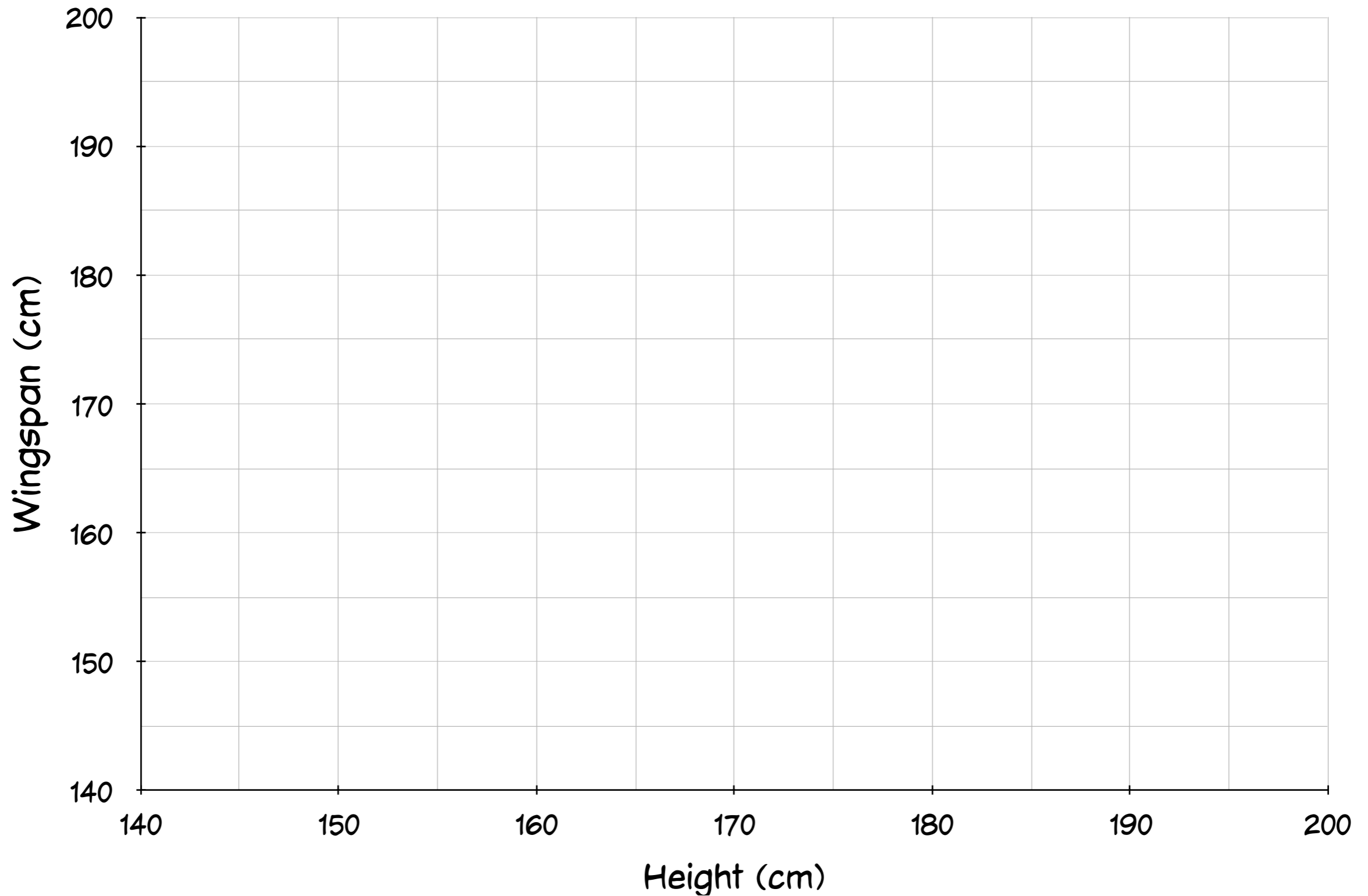
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Sample Data: Human Proportionality Lab Data

<i>Seat #</i>	<i>Wingspan (cm)</i>	<i>Height (cm)</i>
1	158.0	151.9
2	176.0	170.2
3	183.0	183.0
4	188.0	182.8
5	174.0	180.0
6	172.7	180.0
7	173.3	175.3
8	187.2	188.0
9	190.5	182.8
10	148.0	160.0
11	166.5	172.5
12	180.5	182.5
13	152.0	154.9
14	164.0	162.6
15	158.0	151.9
16	176.0	170.2
17	183.0	183.0
18	188.0	182.8
<b>Average</b>	<b>173.3</b>	<b>173.0</b>

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## Wingspan vs. Height



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$R = 1.0$

Perfect Correlation

