

 **Mastery Checkpoint**

## Have you mastered solving word problems involving measures?


**Facts about twins Jakub and Lena**

	Weight	Height	Time to run 100 m	Long jump
Jakub	31.6 kg	1.35 m	15.2 s	3.25 m
Lena	29.7 kg	1.27 m	14.6 s	3.19 m

- What is the difference in height between Jakub and Lena?
- What is their total weight?
- Who is the faster runner? What is the difference between Lena and Jakub's times?
- Lena's arm span is 5 cm less than her height. What is her arm span?

- What is the difference between their best long jump distances in centimetres?
- Lena can run 200 m in twice Jakub's time for 100 m. What is her time for 200 m?

### Champions' Challenge



- Jakub's arm span is half of Jakub and Lena's total height. What is his arm span?
- Jakub and Lena have raised £25.75 in total in a sponsored times-table challenge. Lena raised 75p more than her brother. How much did Jakub raise?

Year 5 Mastery Checkpoint 13 Week 12

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