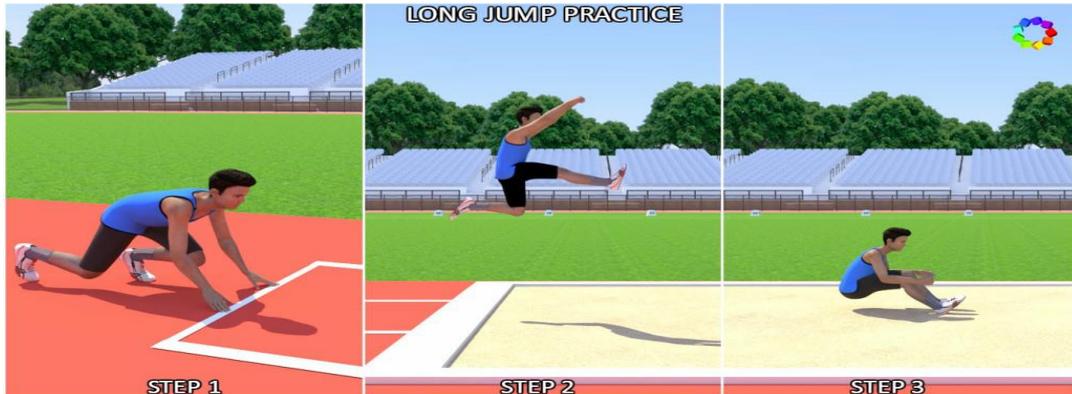


Long Jump Competition

The long jump is a track and field event in which athletes combine speed, strength and agility to leap as far as possible from a take-off point.



At the Marsa Sports Grounds young athletes had a long jump competition.

TASK 1

Use these clues to find out **who won** the competition and **put the other athletes in order** according to their jumps.

Adel jumped 4.54m

Zain jumped $\frac{1}{2}$ m further than Kurt.

Jana jumped 15cm further than Adel.

Janeth jumped 0.6m further than Mark.

Mahmud jumped 23cm further than Jana.

Irina jumped $\frac{3}{4}$ m further than the 2nd place child.

Shakira jumped $\frac{1}{4}$ m less than Mahmud.

Shaya jumped 0.8m further than Shakira.

Kurt jumped 0.15m less than Janeth.

Mark jumped 40mm less than Shaya.

Position	Name	Jump in m (meters)
1 st		
2 nd		

Continue the table...

Task 2

- What is the **average** (mean) long jump distance of the **top three athletes**?
- What is the **average** (mean) long jump distance of the **whole group** of athletes?
- Is the **average** (mean) of the top three athletes **the same or different** than the average (mean) of the whole group of athletes?
Why is this?

3 Fun Facts about the Long Jump

- History shows that when the long jump world record is broken, it can be a long time until it's broken again. For the last 83 years, the world record has been held by just three men: Owens (25 years, from 1935 to 1960), Beamon (1968-1991), and Powell (1991-present).
- Mike Powell holds the world record of the longest jump which he broke in August 1991. It measured 8.95m. That is far. You will understand if you measure it!
- This fact will blow your mind. The furthest long jump by a human is longer than that of a horse. The longest jump by a horse was 6.10 meters, whereas Mike Powell achieved 8.95 meters. Humans achieved a better distance even though they can't run as fast as horses.