1) a) Amazon and Yangtze

b) 18 414km

c) 6650 (Nile) – 4350 (Mekong) = 2300km

d) Congo and Yangtze or Mekong and Nile

e) Mekong and Yangtze or Nile and Congo

1) a) False. They would receive 11 points because 1550cm = 15.5m so it is more than 15m but less than 16m.

b) False. Any throw over 18m is awarded 14 points.

c) False. A throw of more than 17m but less than 18m is awarded 13 points. No half points are given.

d) True. If the throw is between 14m and 15m, they will receive ten points. If the throw is between 15m and 16m, they will receive eleven points. As they estimate the throw is between 14.8m and 15.2m, it could fall into either of the two ranges given.

1) a)

Names	100m Sprint (In Seconds)	600m (In Seconds)	Total Time (In Seconds)
Bailey	17.93	109.03	126.96
Julia	14.46	111.72	**126.18**
James	**16.73**	115.94	132.67
Ola	15.09	**107.42**	122.51
George	**13.99**	121.56	135.55

b) 13.99 + 14.46 + 15.09 = 43.54
When rounded to the nearest whole second, this is 44 seconds.

c) Bailey, Julia, James and Ola

d) Julia and James have a combined 600m race time of 227.66 seconds.

e) Bailey, Ola and George have a combined total race time of 385.02 seconds, which is 385 when rounded to the nearest second.

2) Harry's sprint time should be lower than 17.93 and his 600m should be between 111.72 and 121.56.
Various answers are possible with a total of 135.55, for example:

100m – 17 seconds, 600m – 118.55 seconds

100m – 16 seconds, 600m – 119.55 seconds

100m – 15 seconds, 600m – 120.55 seconds

100m – 14 seconds, 600m – 121.55 seconds

100m – 14.55 seconds, 600m – 121 seconds

1) This table shows the lengths of some of the longest rivers in the world:

Amazon	6400km
Congo	4700km
Mekong	4350km
Nile	6650km
Yangtze	6300km
Yellow River	5464km

a) Which rivers are between 5500km and 6500km in length?

b) What is the total combined length of the Yellow River, Nile and Yangtze?

c) What is the difference between the longest and the shortest rivers?

d) Name two rivers which have a combined length of 11 000km

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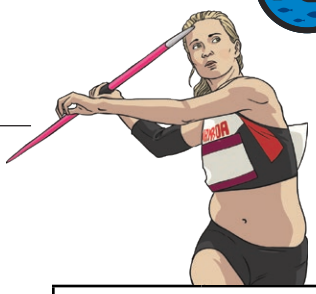
1) This table shows the number of points awarded for throwing the javelin in an athletics competition:
Decide if each statement is true or false. Explain your reasoning.



Javelin	
Over 14m	10 points
Over 15m	11 points
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Over 17m	13 points
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a) I threw the javelin 1550cm and received 12 points.

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c) I threw the javelin 17.425m and received 13.5 points.

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1) Some athletes took part in two different running races and their times were recorded in seconds in the table below:

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a) Fill in the missing times for each athlete.

b) Rounded to the nearest whole second, what is the combined 100m sprint time for the three fastest athletes?

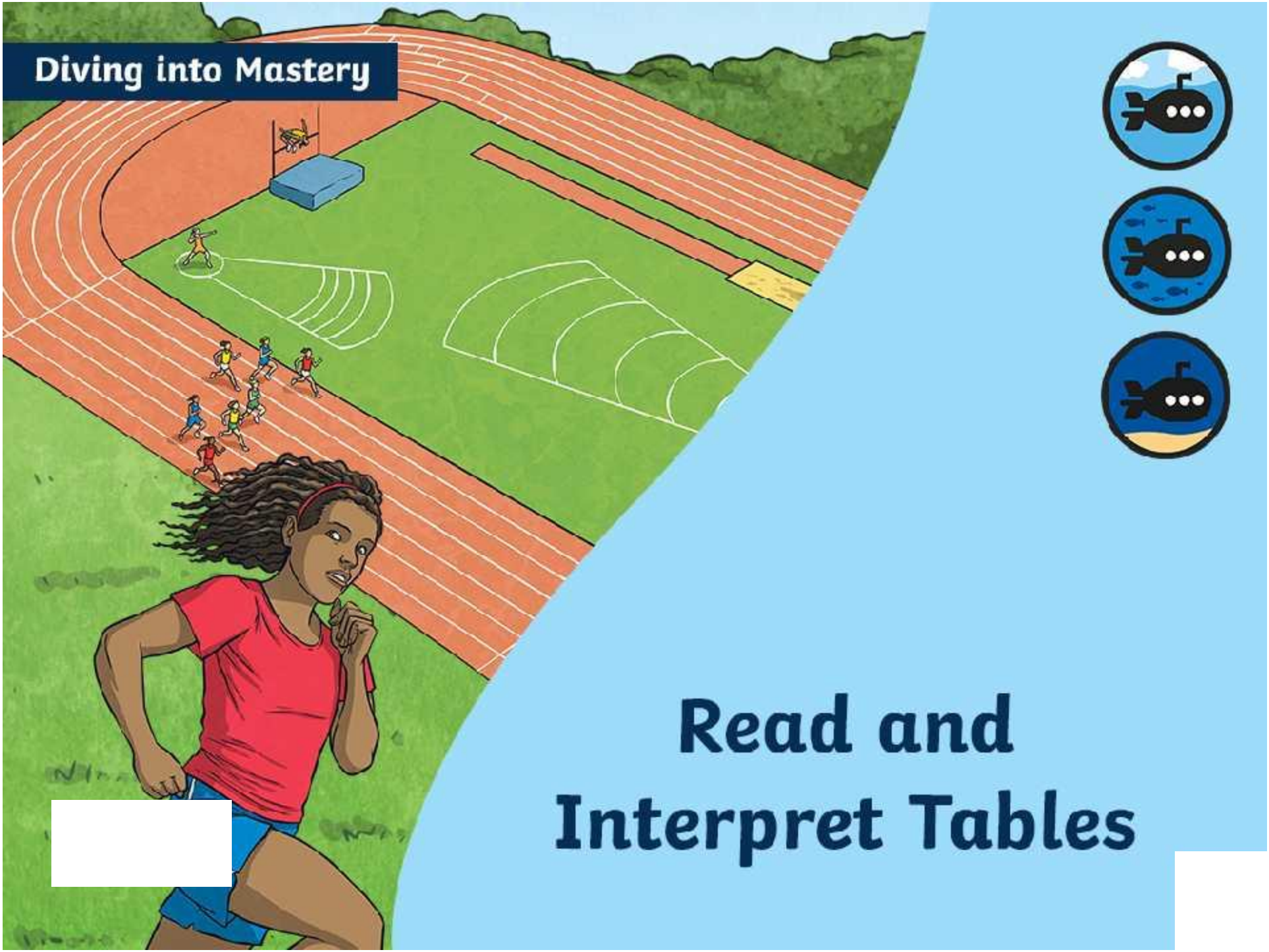
c) Which athletes recorded a time of between 1.5 and 2 minutes in the 600m race?

d) Which two athletes have a combined 600m race time of between 227 and 228 seconds?

e) Which three athletes have a combined total race time of 385 seconds when rounded to the nearest second?

2) Harry also took part in both races. His total time was 135.55 seconds. Harry was faster than Bailey in the 100m sprint and George in the 600m, but he was slower than Julia in the 600m. Give five possible times that Harry could have achieved in both the 100m and 600m races.

3) Now create your own questions about the information shown in the table.



Read and Interpret Tables

Diving into Mastery Guidance for Educators

Each activity sheet is split into three sections, diving, deeper and deepest, which are represented by the following icons:

Diving

Deeper

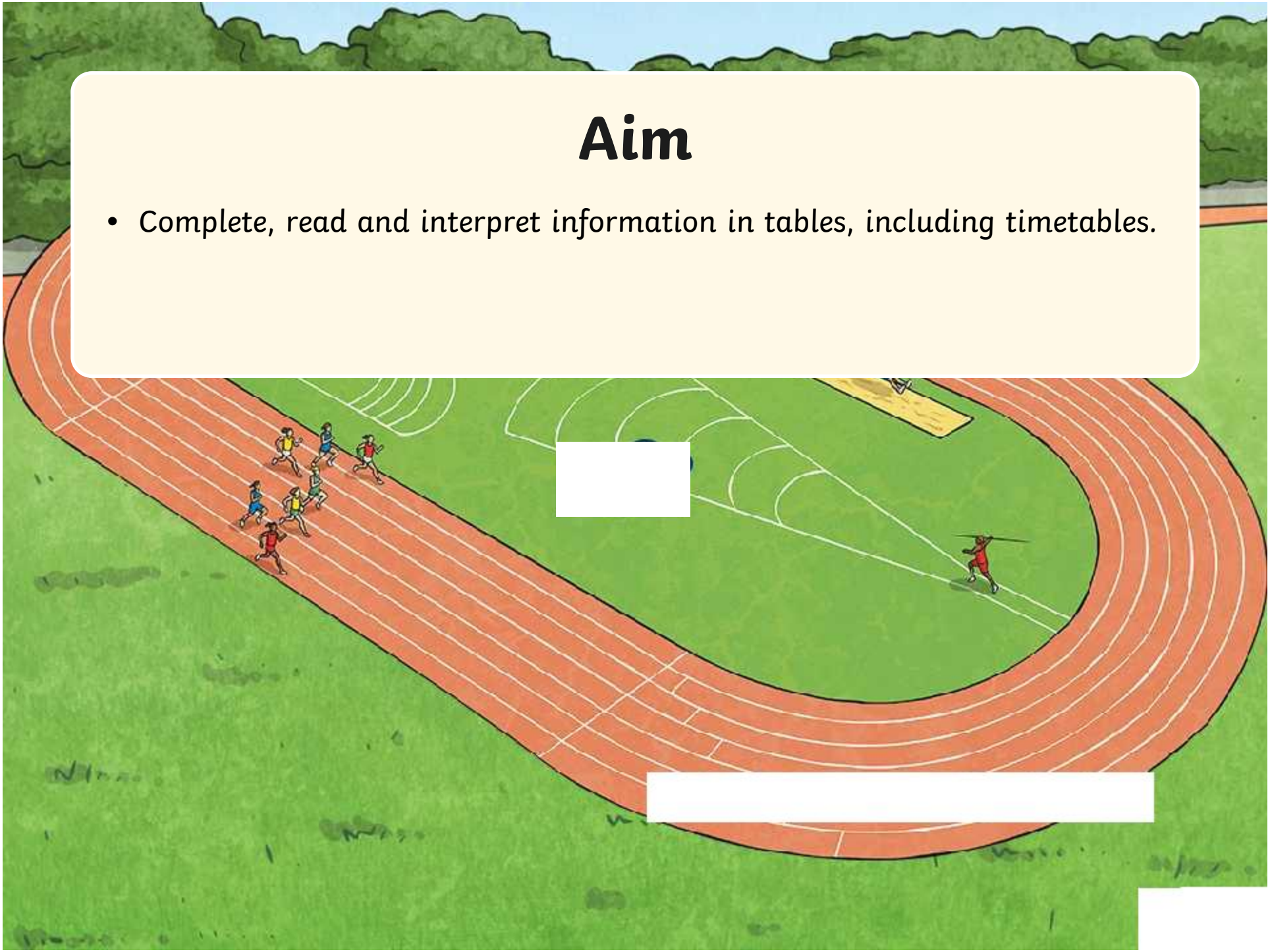
Deepest

These carefully designed activities take your children through a learning journey, initially ensuring they are fluent with the key concept being taught; then applying this to a range of reasoning and problem-solving activities.

These sheets might not necessarily be used in a linear way. Some children might begin at the 'Deeper' section and in fact, others may 'dive straight in' to the 'Deepest' section if they have already mastered the skill and are applying this to show their depth of understanding.

Aim

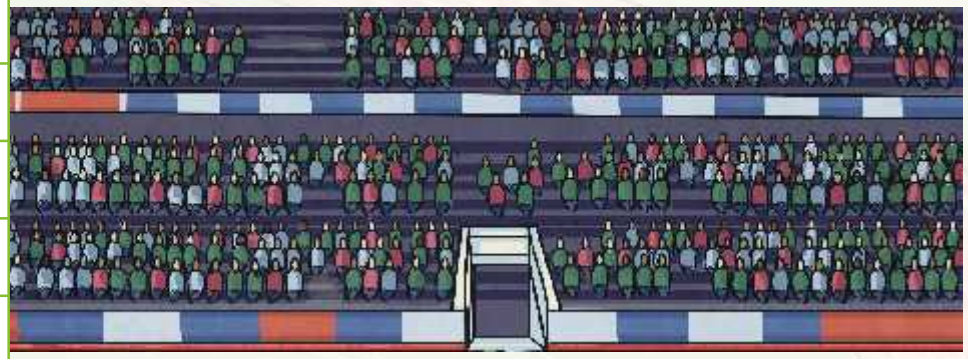
- Complete, read and interpret information in tables, including timetables.



Read and Interpret Tables | **Diving**

This table shows the largest attendances ever recorded for a football match:

Wembley Stadium	126 047
Salt Lake Stadium	134 000
Maracana Stadium	199 854
Hampden Park	149 415
Estadio da Luz	135 000



Wembley Stadium, Salt Lake Stadium and Estadio da Luz

Which stadiums h
record attendance of be
125 000 and 136

Read and Interpret Tables | **Deeper**

This table shows the cost of parking in a car park:

Under 1 Hour	Free
Between 1 and 2 Hours	£2.50
Between 2 and 4 Hours	£3.50
Between 4 and 6 Hours	£4.50
All Day	£5

True or False?

I parked my car for 1 hour and 15 minutes. My friend parked for 2 hours. The friend paid £2.50 more than the time I spent in the car park.

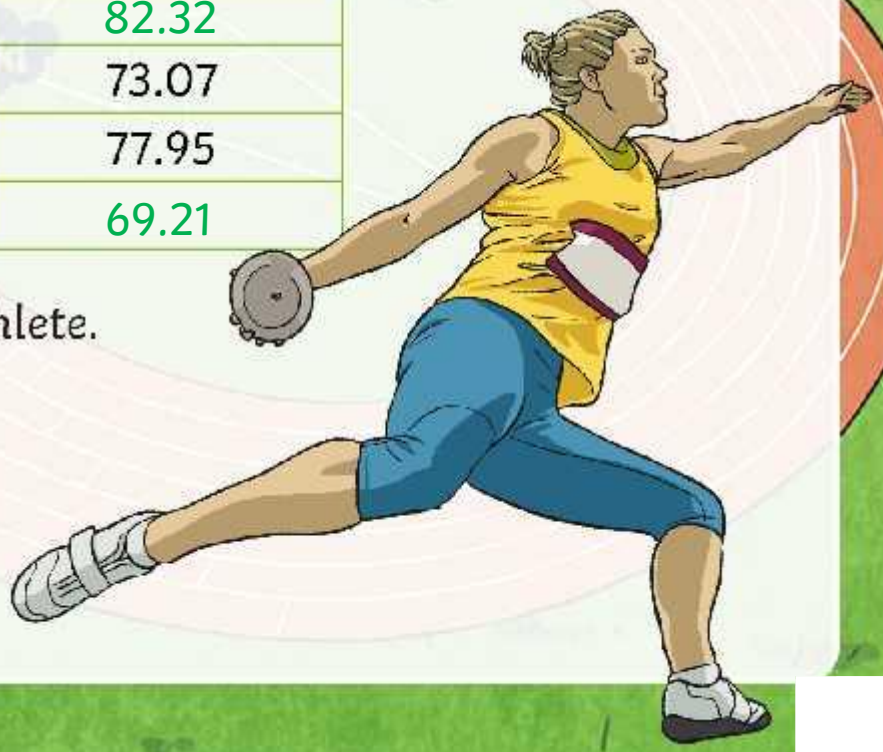
False. As the cost of parking would have been £2.50 for 1 hour, this would have been free. He only would have parked for 1 hour and 15 minutes and therefore he would have parked for 3 hours. This would have cost him £2.50 more.

Read and Interpret Tables | **Deepest**

Some athletes took part in two different athletics throwing events and their distances were recorded in the table below:

Name	Shot Put (in Metres)	Discus (in Metres)	Total Distance (in Metres)
Yashpal	12.93	60.65	73.58
Conor	13.65	68.67	82.32
Kasia	15.73	57.34	73.07
Jack	14.08	63.87	77.95
Mia	13.45	55.76	69.21

Fill in the missing distance for each athlete.



Read and Interpret Tables | **Deepest**

Klaudia's total distance was 81.5m. The distance of her shot put throw was between Yashpal's and Kasia's. What could Klaudia's throwing distances have been in both events?

Rounded to the nearest metre, what is the total distance rounded to the nearest metre, thrown by the three farthest shot put throwers?

78.77, 63.87, 60.65, 57.34, 55.76

For example, Klaudia's middle discuss throw was 14m in the shot put. This means her discuss throw would have been 67.5m.

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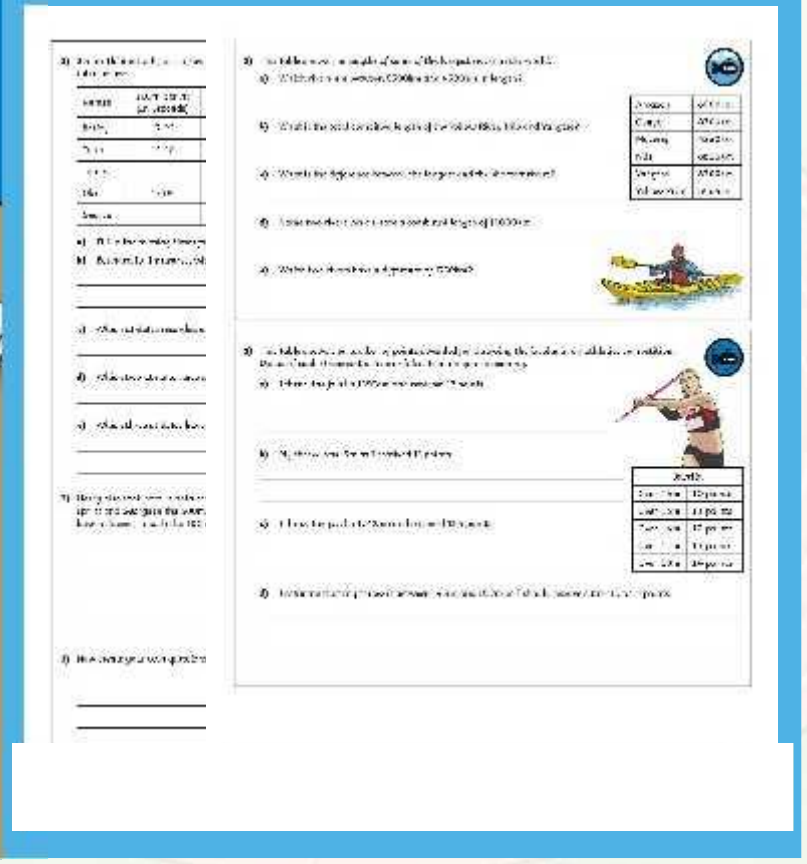
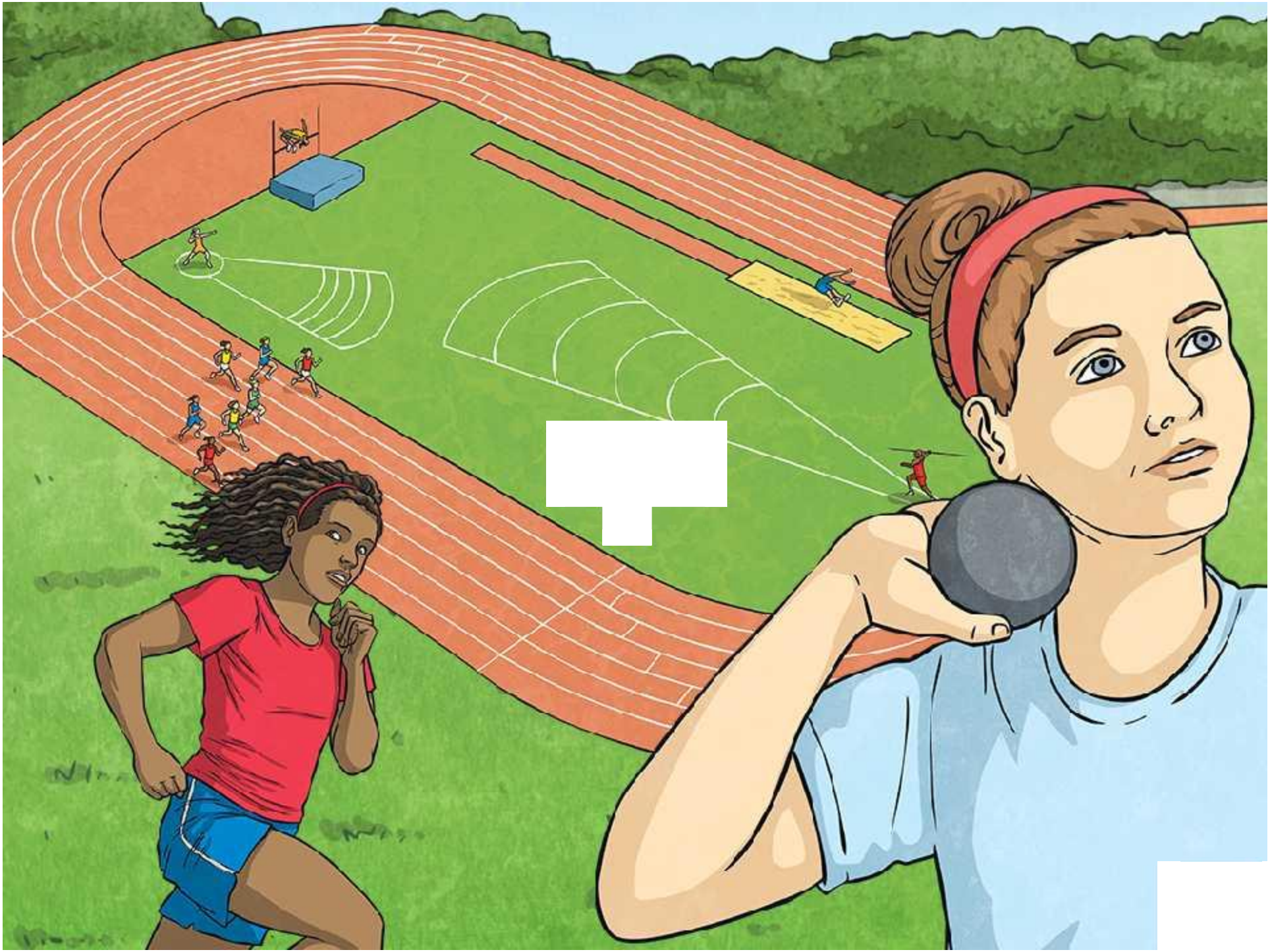
Read and Interpret Tables

Dive in by completing your own activity!





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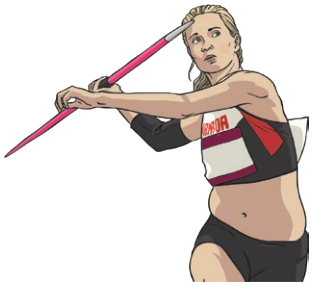

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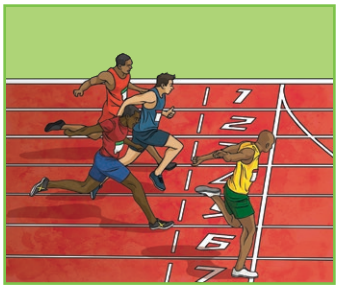

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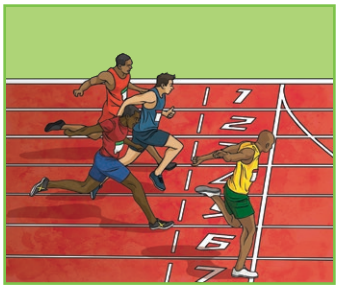

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