Workings and final answer.

What have we learned?

What other mathematical techniques do we need to apply?

What useful information do we know?

**REMEMBER**! Accuracy and spelling of key words \* Appropriate paragraphing and sequencing of information presented \* Correct phrasing – capitals, punctuation.

What do we want to find out?

Mathematics Unit 7: Speed of Racing Car

This graph shows how the speed of a racing car varies along a flat 3 kilometre track during its second lap.

**QUESTION 7.1**What is the approximate distance from the starting line to the beginning of the longest straight section of the track?
A. 0.5 km
B. 1.5 km
C. 2.3 km
D. 2.6 km

Workings and final answer.

What have we learned?

What other mathematical techniques do we need to apply?

What useful information do we know?

**REMEMBER**! Accuracy and spelling of key words \* Appropriate paragraphing and sequencing of information presented \* Correct phrasing – capitals, punctuation.

What do we want to find out?

Mathematics Unit 7: Speed of Racing Car

This graph shows how the speed of a racing car varies along a flat 3 kilometre track during its second lap.

**QUESTION 7.2**Where was the lowest speed recorded during the second lap?
A. at the starting line.
B. at about 0.8 km.
C. at about 1.3 km.
D. halfway around the track.

This graph shows how the speed of a racing car varies along a flat 3 kilometre track during its second lap.

**QUESTION 7.3**What can you say about the speed of the car between the 2.6 km and 2.8 km marks?
A. The speed of the car remains constant.
B. The speed of the car is increasing.
C. The speed of the car is decreasing.
D. The speed of the car cannot be determined from the graph.

Workings and final answer.

What have we learned?

What other mathematical techniques do we need to apply?

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What do we want to find out?

Mathematics Unit 7: Speed of Racing Car

Workings and final answer.

What have we learned?

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Mathematics Unit 7: Speed of Racing Car

This graph shows how the speed of a racing car varies along a flat 3 kilometre track during its second lap.

**QUESTION 7.3**What can you say about the speed of the car between the 2.6 km and 2.8 km marks?
A. The speed of the car remains constant.
B. The speed of the car is increasing.
C. The speed of the car is decreasing.
D. The speed of the car cannot be determined from the graph.

This graph shows how the speed of a racing car varies along a flat 3 kilometre track during its second lap.

**QUESTION 7.4**Here are pictures of five tracks. Along which one of these tracks was the car driven to produce the speed graph shown above?


Workings and final answer.

What have we learned?

What other mathematical techniques do we need to apply?

What useful information do we know?

**REMEMBER**! Accuracy and spelling of key words \* Appropriate paragraphing and sequencing of information presented \* Correct phrasing – capitals, punctuation.

What do we want to find out?

Mathematics Unit 7: Speed of Racing Car