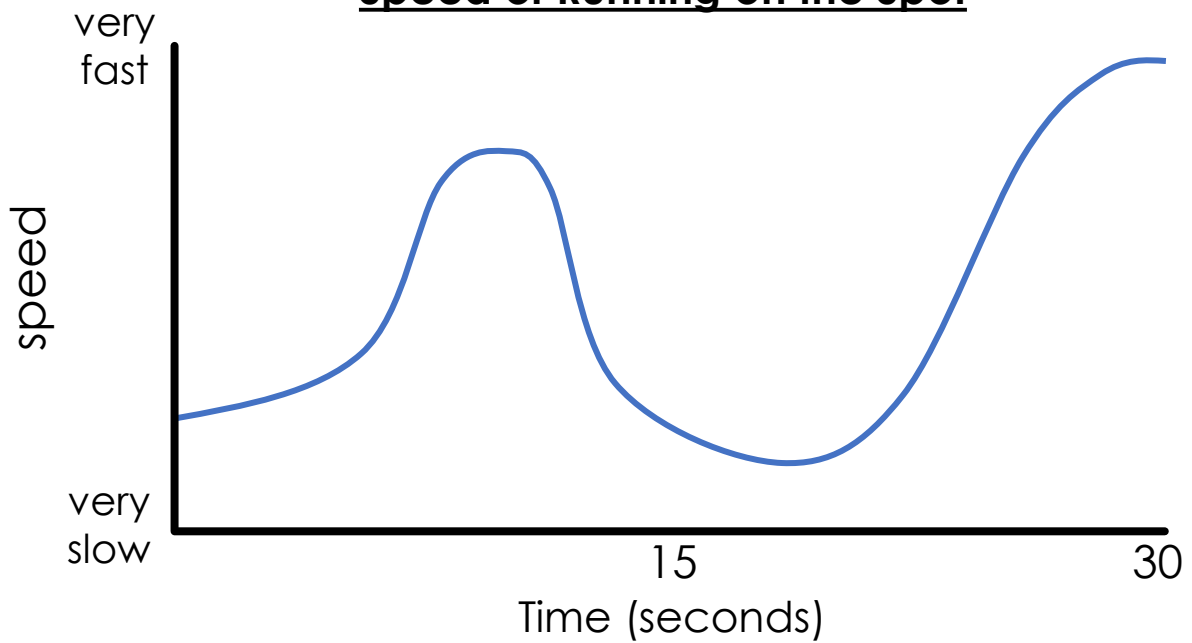


Act The Graph

Speed of Running on the Spot

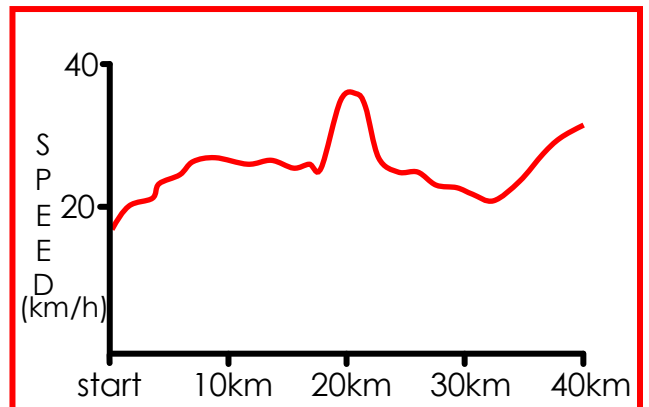
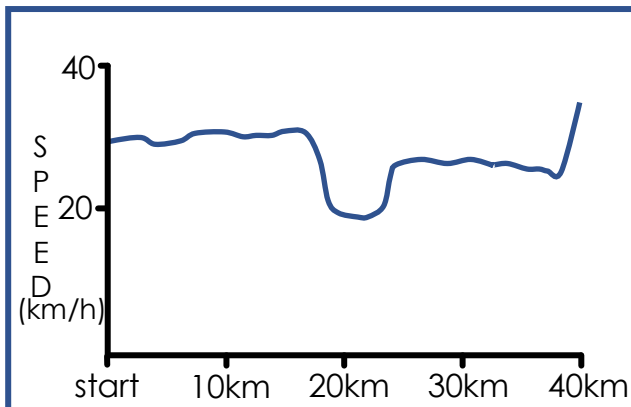


Which Graph?

Jen took part in a 40km bike ride. Here, she describes her race:

'I started the race quickly. There was a big uphill climb half-way through the race. I slowed down for the last 5km but I did a sprint finish.'

Which graph shows Jen's performance in the race?

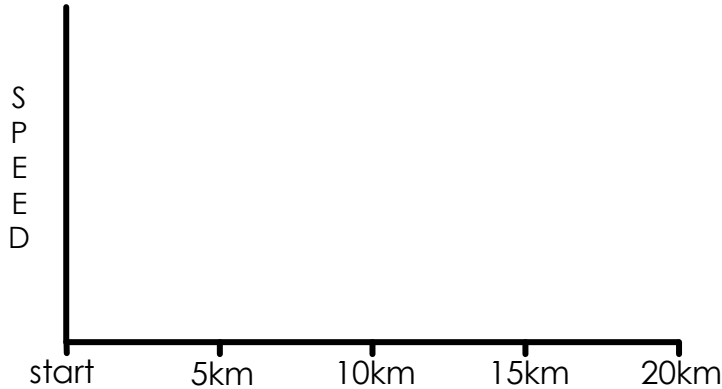


Create the Graph

Jamie took part in a 20km bike race. He describes his ride:

'I started quickly - first 3km of the race was downhill. I slowed down after that, cycling at a similar speed in the middle part of the race. There was a long hill that started 15km into the race. The fastest part of my race was the last 2km.'

Complete the graph of Jamie's performance in the race:



Answers

Act the Graph: Increase in speed at approximately 10 seconds and 30 seconds to reflect rise in graph.

Which Graph? The blue graph. The dip in speed in the middle was caused by the uphill climb. The sprint finish was a short, sudden increase in speed at the end.

Create the Graph Example:

