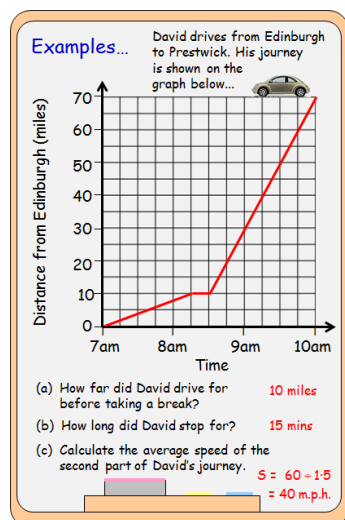


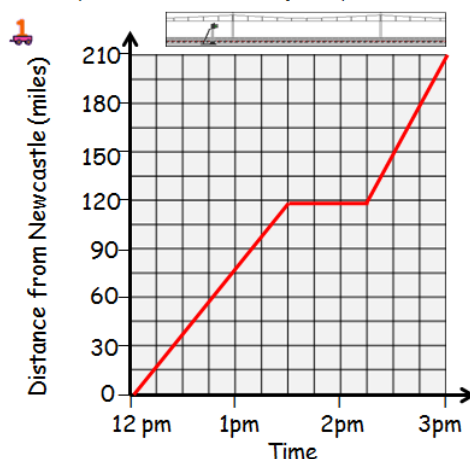
Outcome 1 - Time, Distance Graphs

Bronze example



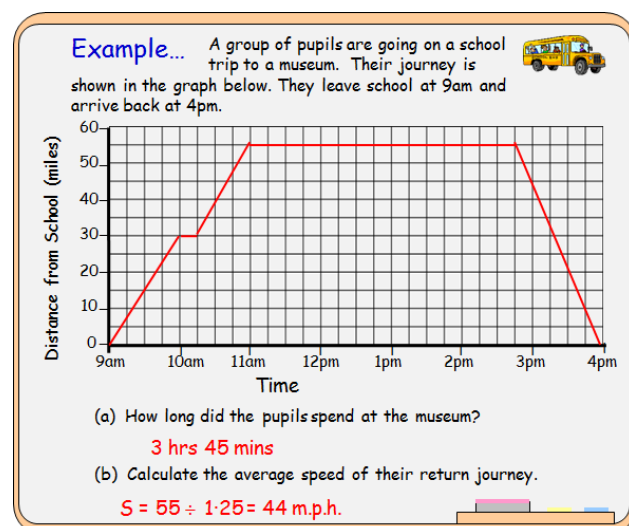
Bronze Question

The graph below shows a train journey...

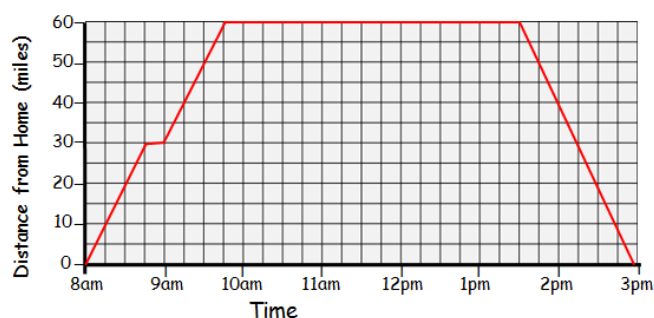


- How far did the train travel for before stopping?
- How long did the train stop for?
- Calculate the average of the second part of the train journey.

Silver Example



Silver Question

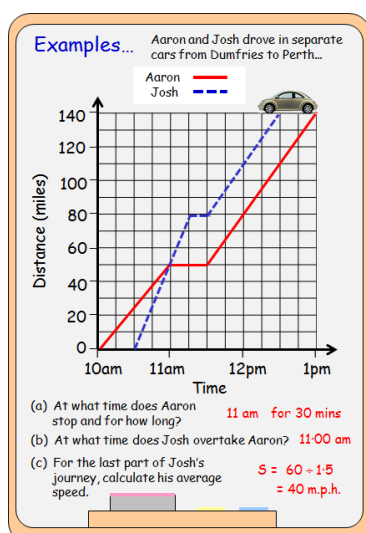


The Jones are going on a family day out to a theme park. Their journey is shown in the graph below.

They leave home at 8am and arrive back at 3pm.

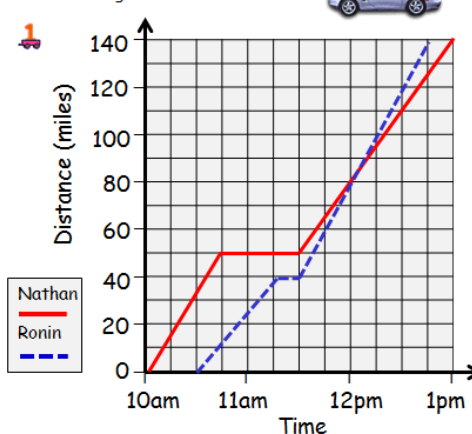
- How long did the Jones spend at the theme park?
- Calculate the average speed of their return journey.

Gold Example



Gold Question

Nathan and Ronin drove in separate cars from Elgin to St. Andrews...



- At what time does Ronin stop and for how long?
- At what time does Ronin overtake Nathan?
- For the second part of Nathan's journey, calculate his average speed.

Bronze Answers

- (a) 120 miles
- (b) 45 mins
- (c) 120 m.p.h.

Silver Answers

- (a) 3 hrs 45 mins
- (b) 40 m.p.h.

Gold Answers

- (a) 11.15 am
for 15 mins
- (b) 12 pm
- (c) 60 m.p.h.