

Friday (task 2) – LO: to convert between imperial measures.

The coach travel company require some more information to give their full quote. The distance from the Portuguese school to the British school is 2,193km. Your Headteacher estimates the planned trips, while the Portuguese children are visiting, will be another 55 miles of journey distance.

3. Calculate the full distance in miles. Give your answer to 2 decimal places.



4. With diesel costing £1.20 per litre and each bus running at around 40 miles to the gallon, how much is the fuel bill for one bus likely to be? Use the distance rounded to the nearest mile. Round to 2 decimal places where necessary.

5. The headteacher is checking parking at the visit venues and has compiled a list of the parking spaces available at each place of interest.

The Portuguese school have confirmed their coaches will be 12m long.

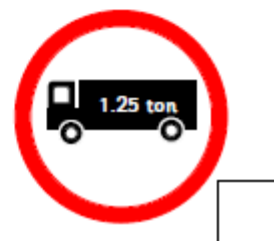
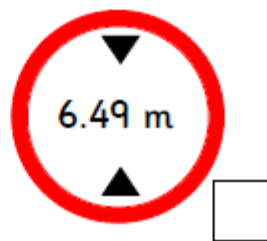
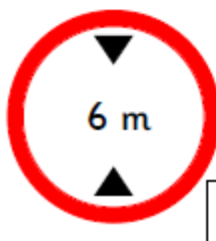
Tick which venues can accommodate the coaches?

| Venue | Museum | Seaside | Country Park | Shopping Mall | Theme Park |
|-------------------------|--------|---------|--------------|---------------|------------|
| Maximum Space in feet | 40' | 43' | 39.5' | 41' | 39' |
| Maximum Space in metres | | | | | |
| Is it suitable? | | | | | |

The online map, which you are using to plan routes between trips, has highlighted some bridges and tunnels with restrictions.

The fully loaded bus weighs 14,998kg and is 644cm tall.

6. Tick which of the restricted bridges and tunnels the coach will have to avoid.



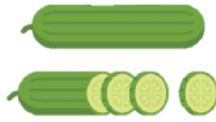




Friday (task 3) – LO: to convert between imperial measures.

Reasoning and Problem Solving – Converting Units – Year 6

The school kitchen will be providing packed lunches for the visitors and have asked the Portuguese school for details of the current use of key ingredients for the children involved for a week. They sent the information below.

7. Complete the table to help the kitchen place their order in time.

| Item | Per Child | 8 children | Imperial | |
|---|-----------|------------|----------|---------|
|  | 750g | | | lbs |
|  | 1.5kg | | | lbs/st |
|  | 0.158kg | | | lbs |
|  | 3.5l | | | gallons |
|  | 0.8g | | | lbs/st |

