1. The following table gives the world oil consumption, in billions of barrels per year. Estimate the total oil consumption during this 25 year period.

<table>
<thead>
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</thead>
<tbody>
<tr>
<td>Oil (bn barrels/yr)</td>
<td>20</td>
<td>23</td>
<td>26</td>
<td>28</td>
<td>30</td>
<td>32</td>
</tr>
</tbody>
</table>

So the oil consumed \(\approx \frac{635 + 695}{2} = 665\) bn barrels.

2. Two cars start from the same time and travel in the same direction along a straight road. The Figure gives the velocity, \(v\), of each car as a function of time, \(t\). Which car:

(a) Attains the larger maximum velocity Car A
(b) Stops first Car A
(c) Travels farther? Car B - since the area under the graph is larger than Car A