

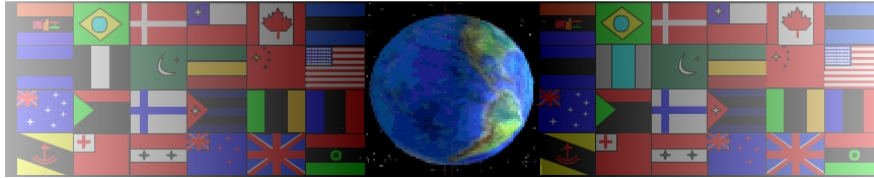
GEARS AND STEERING QUESTIONS

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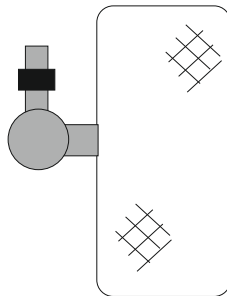
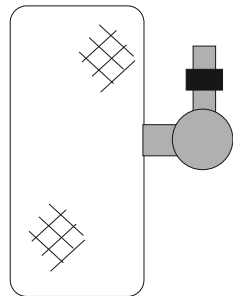
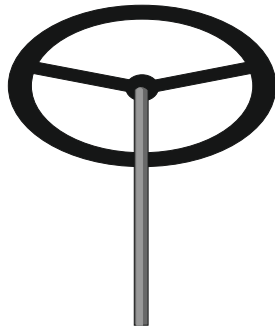
This exercise can be printed and used by teachers and students. It is recommended that you view the website (www.technologystudent.com) before attempting the design sheet .

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GEARS AND STEERING QUESTIONS

1. The diagram below shows a vehicle and its steering system. The most important part of the mechanisms is missing. This allows the steering wheel to turn the wheels left and right so that it can be steered.

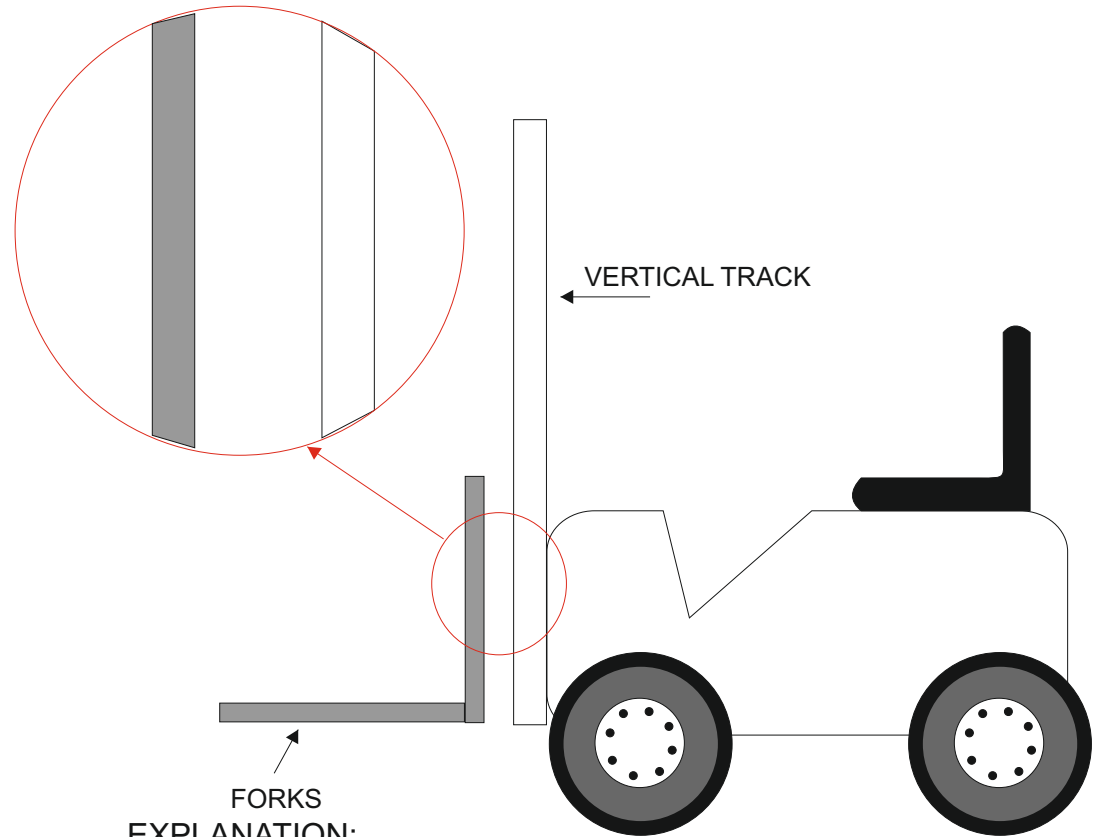
- A. In the space available, add a drawing of the mechanism that allows direct turning of the wheels.
- B. Label the important parts.
- C. Explain how the mechanism works



EXPLANATION:

2. The diagram below shows a fork lift truck. It is used to lift pallets, complete with their heavy loads. The forks on the front of the truck move up and down the vertical track. In the magnified area, draw the missing mechanism that allows movement of the forks.

- A. In the circular area, add an enlarged drawing of the mechanism that allows the up / down motion of the forks
- B. Label the important parts.
- C. Explain how the mechanism works



EXPLANATION:
