

Be sure to read the explantions below.

In the first example the resistance is in the mass of the wheel itself, the axle and whatever it might be connected to. The effort force is applied to the outer wheel. Steering wheels and door knob are good examples. Remember EFR?

The second example (on the right) the effort comes from the axle, the fulcrum is the core of the axle and resistance is on the road. (vehicle wheels are this way) Remember FER?

Now list five of your own examples of wheel and axles. You may use the term wheel only 3 times - be creative!



1.

Question 2 - Identify the effort, resistance and fulcrum of two of your examples from above.

Question 3 - What type of lever is a steering wheel? A bicycle wheel?



Resistance

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