

Why do doors have knobs and hinges on opposite sides?



What difference do you notice between the pictures?

Whose door will open? Explain with reason?



Pictures 1,2,3 representing different situations.

Suggest the situation in which, less effort required.

In which case is most advantageous.

Draw free body diagram in each case.

4

Which door handle you prefer and why??




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5



probe/ investigate the functioning of door closer. Which conservative law obeys.

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why do we use different shape and size hinges are used?

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