

# RESISTANT MATERIALS QUESTIONS

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On behalf of The World Association of Technology Teachers

## W.A.T.T.



World Association of Technology Teachers

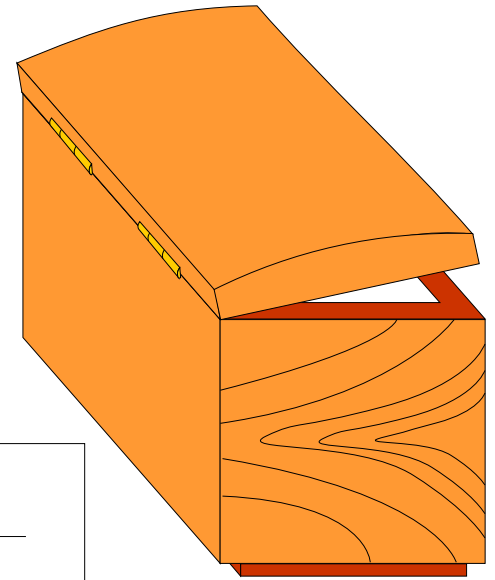
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# RESISTANT MATERIALS EXAMINATION QUESTIONS

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1. The picture to the right shows a small jewelry box. The lid has two small hinges that allow it to open and close. The picture shows no detail of the joints used to hold the 'box' together.



A. in the two spaces below sketch two types of joint that could be used.

JOINT 1.  
NAME OF JOINT: \_\_\_\_\_

SKETCH OF JOINT

JOINT 2.  
NAME OF JOINT: \_\_\_\_\_

SKETCH OF JOINT

2. Which joint do you think is the strongest / best. Name the joint and explain why it is your preferred corner joint.

Joint name: \_\_\_\_\_ Reasons for your choice: \_\_\_\_\_

\_\_\_\_\_