

CLICK ON THE SMALL CIRCLES FOR LINKS TO USEFUL INFORMATION.

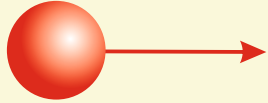
THE MORTISING MACHINE

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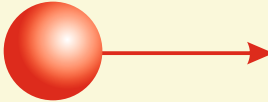
EXTENSION WORK

With notes and sketches, explain cutting a mortise by hand.

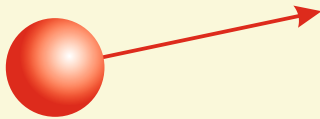
1. Label the drawing of the mortising machine (opposite). Add labels to each of the arrows.



2. What is the purpose / function of the mortising machine?



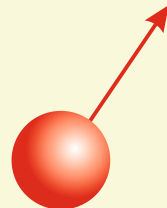
3. What is a mortise joint? Include an image.



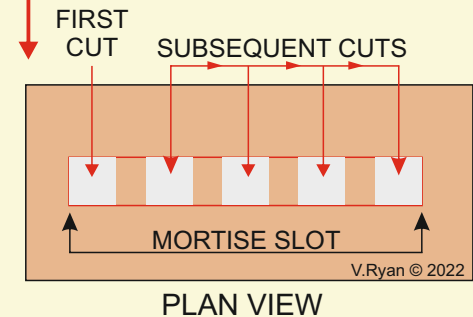
4. How should the mortise machine operator be dressed, to ensure safety? Include an image and name safety clothing / equipment.



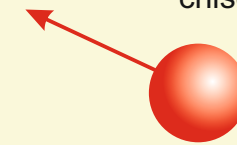
5. Paste an image of a hollow chisel and auger (or produce a sketch). Clearly identify and label both parts. Explain how they function together, to produce a mortise.



8. Explain the diagram below. What is it showing / explaining?



7. Which direction should the slots in the hollow chisel be facing? Explain your answer.



6. How is the auger / hollow chisel set up? Explain the importance of 'clearance'. You can include an image or a sketch.

