CIMQUEST
MANUFACTURING SOLUTIONS

Mill/Router Machine Information

Company		Phone #	
Tech Contact			
Email			
Manager			
Email			

Machine Info

Machine Manufacturer			
Machine Model			
Control Make		Control Model	
Mfg date/machine age			
Priority of machine if multiple posts			

Mastercam version in use? X7 / X8 / X9 / 2017 / 2018 / 2019 / 2020

Is an experienced programmer for this machine available for questions? *Yes / No*

Are programming manuals available for this machine/control? *Yes / No*

Are copies of proven programs (NC Code) available for features required? *Yes / No*

Are Machine models (Parasolid, Step, STL) available for this machine? *Yes / No*

Any non standard machine features? *(circle any that apply)*

Tool probe | Aggregate heads | non-standard cycles | attachments | extra coolants |

(if any features are circled, please prepare and supply sample code information and pictures as needed to describe the functionality)

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Does this post set-up a require a rush priority/specific deadline? *Yes / No*

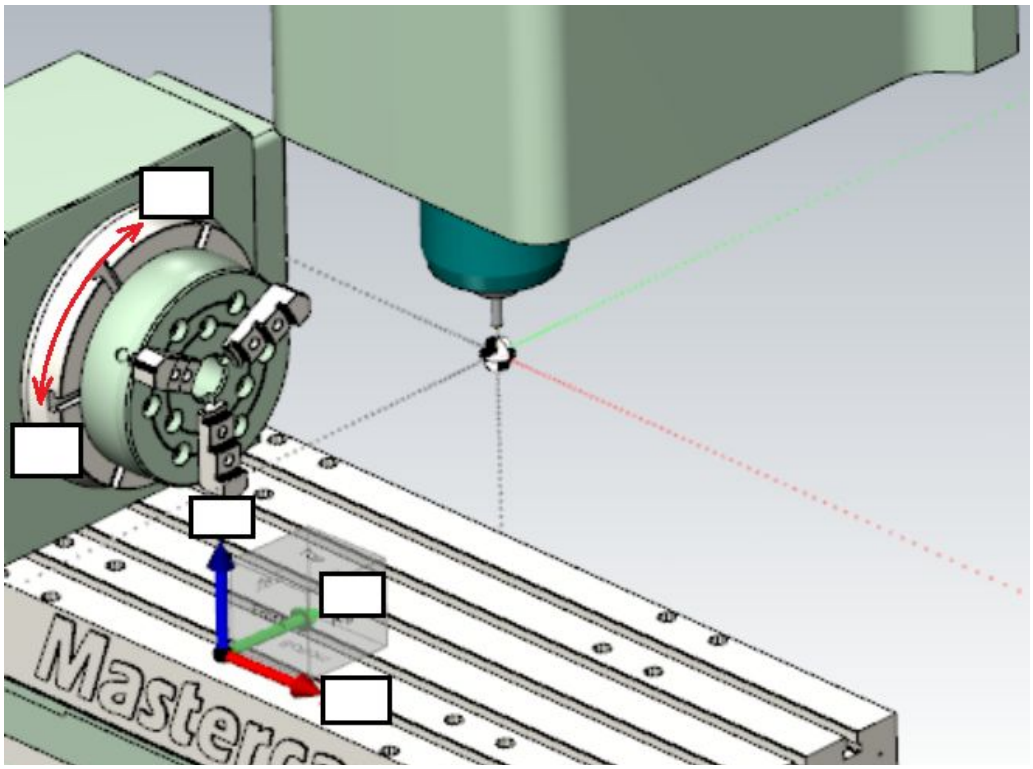
(if yes, indicate required completion date of a workable post)

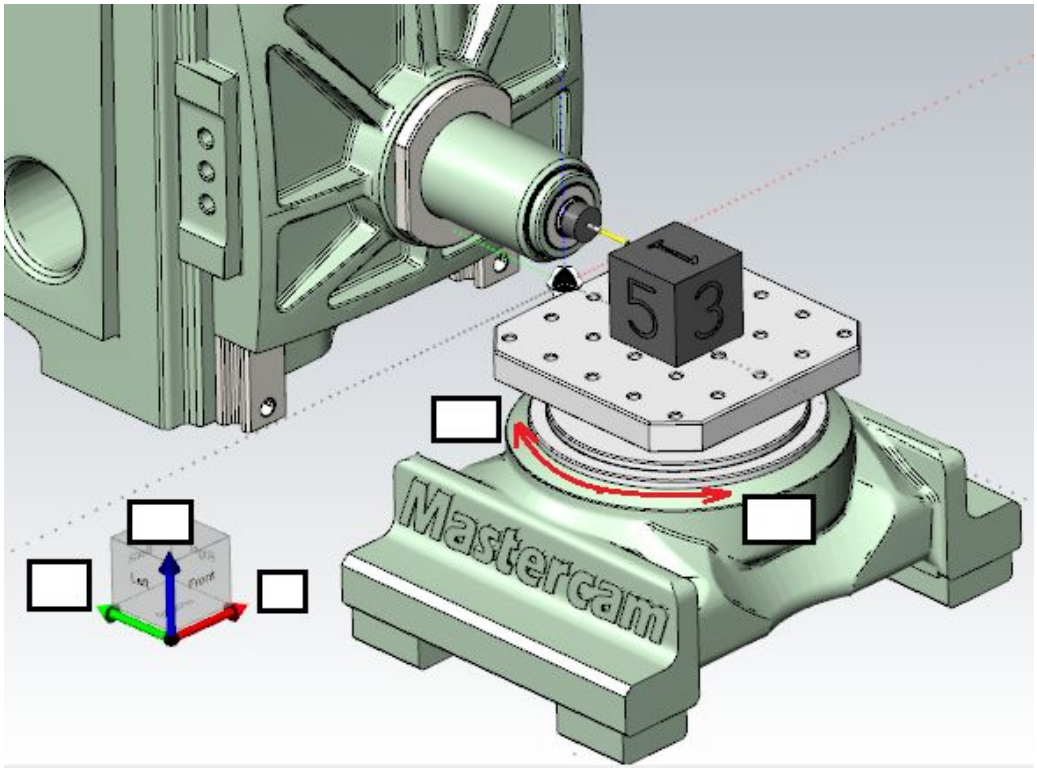
Machine Configuration

Orientation of main spindle	*HMC / VMC (if HMC, fill out section A below)*
If HMC, what will you use as the primary view?	Mastercam TOP / Mastercam Front
3-axis only?	*Yes / No (if yes, skip sections B,C,D)*
single rotary axis only?	*Yes / No (if yes, fill out section B below)*
Two rotary axes?	*Yes / No (if yes, fill out section C below)*
More than two rotary axes?	*Yes / No (if yes, fill out section D below)*

Section B - 4-axis Mill/Router

1. Choose the diagram that most closely represents your machine below
2. Label XYZ as if your rotaries are in their zero positions if possible. If not possible, indicate the zero positions as a marking on the diagram
3. Fill in the label boxes for each axis, including the +/- direction




Mastercam

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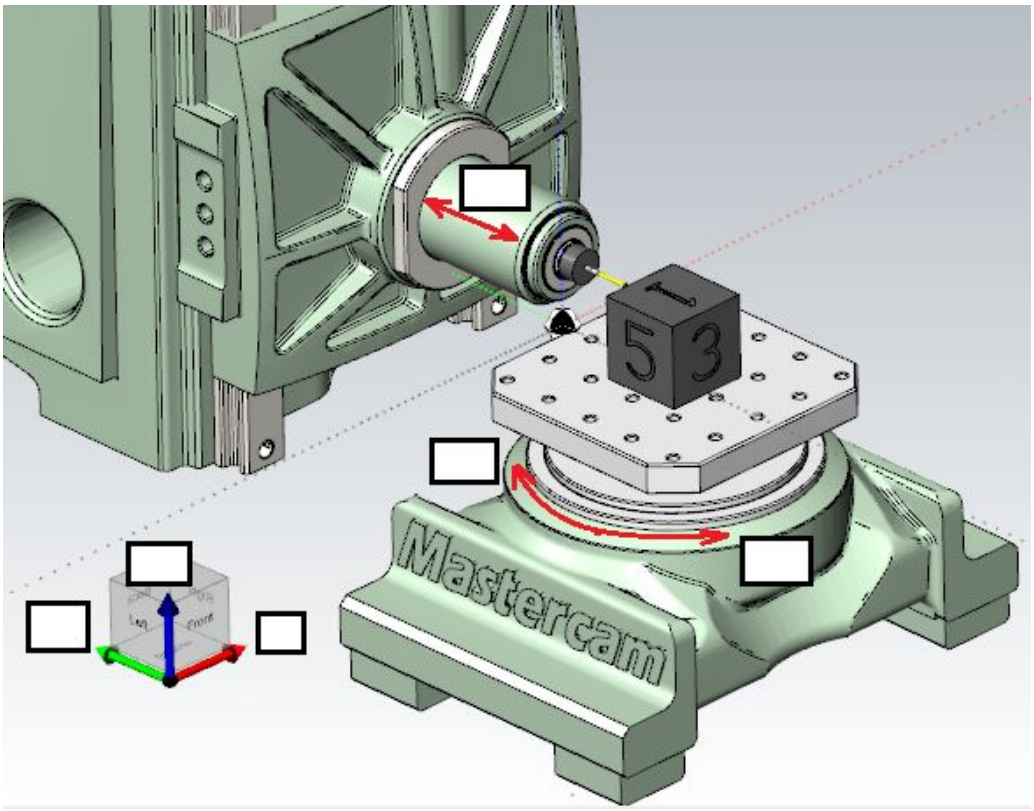
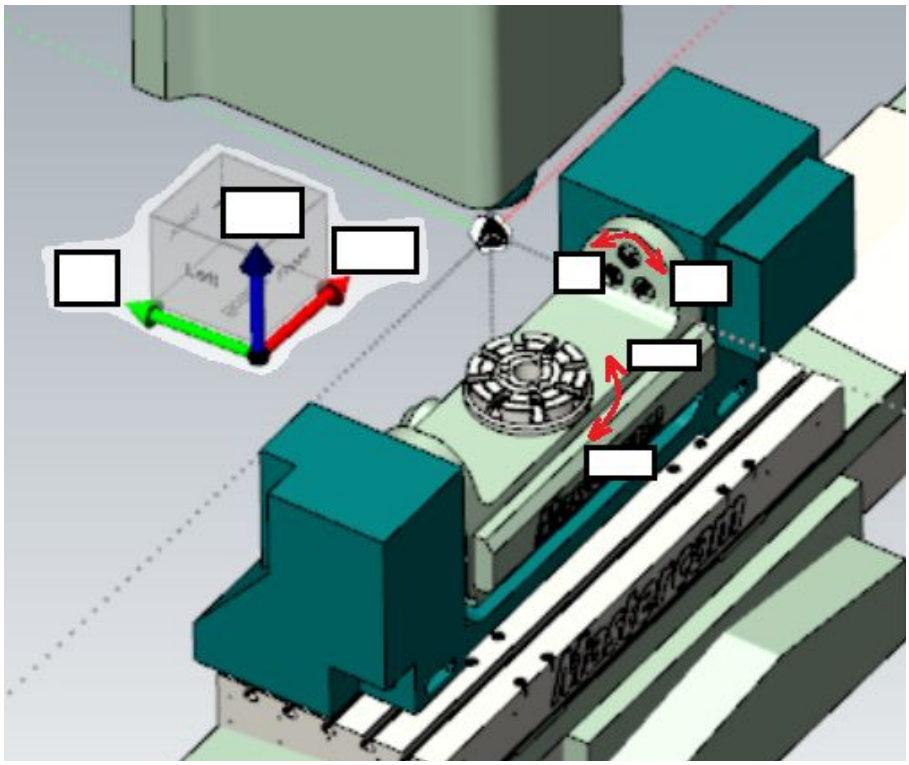
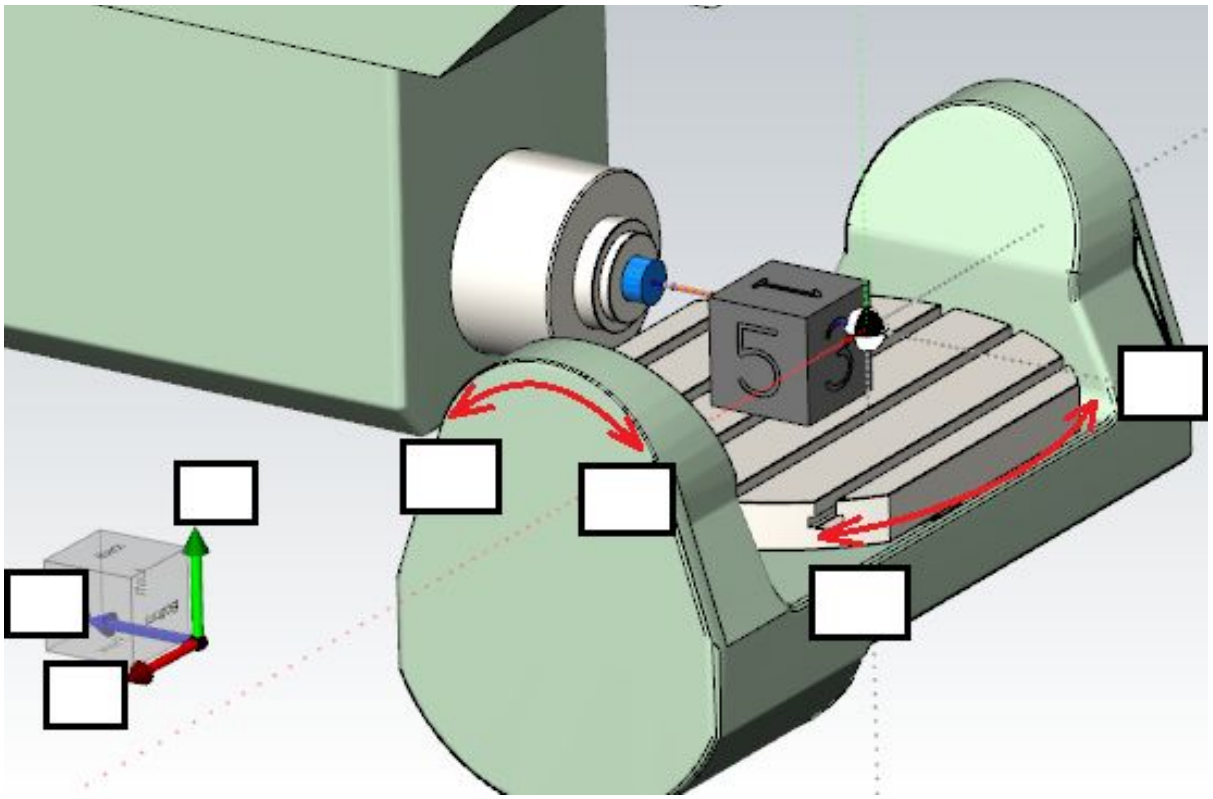


Section C - 5-axis Mill/Router

1. Choose the diagram that most closely represents your machine below
2. Label XYZ as if your rotaries are in their zero positions if possible. If not possible, indicate the zero positions as a marking on the diagram
3. Fill in the label boxes for each axis, including the +/- direction





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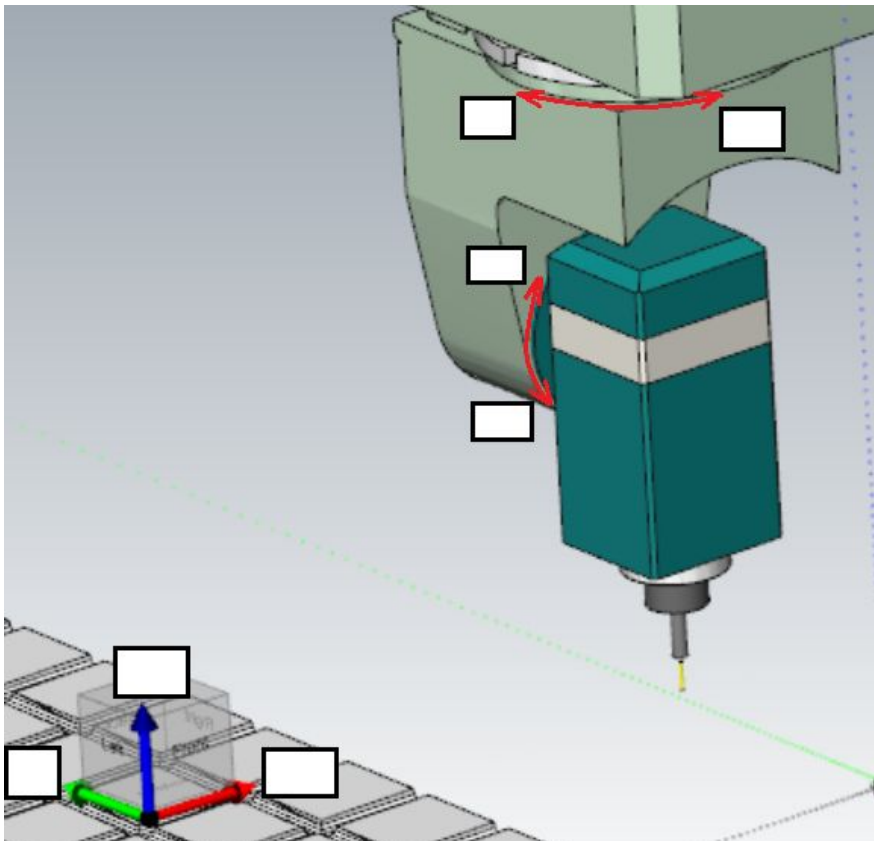

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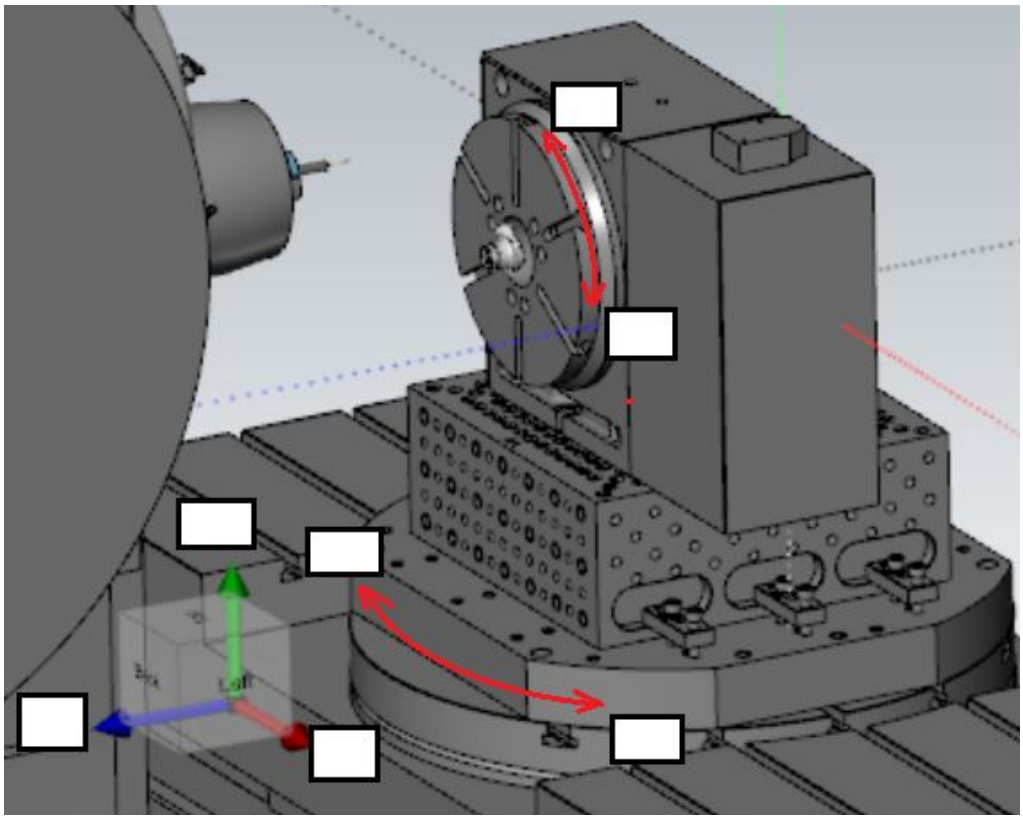
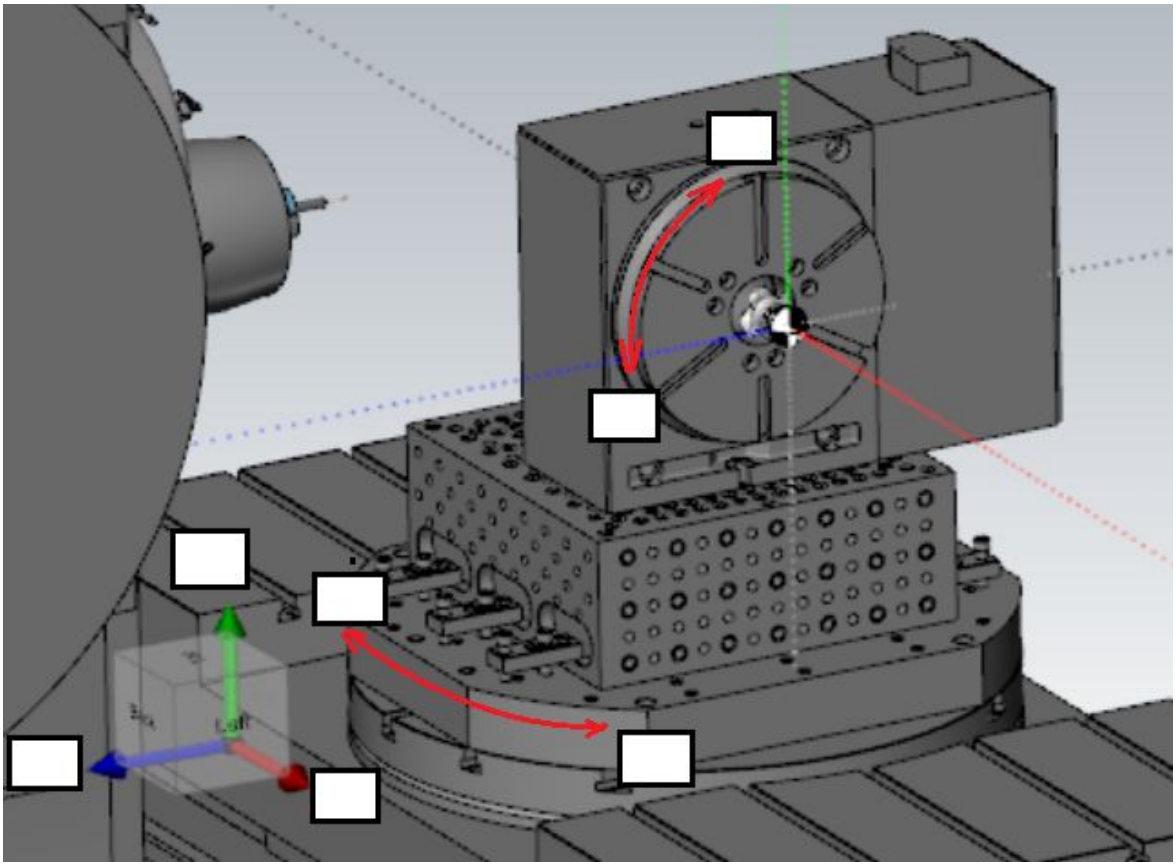
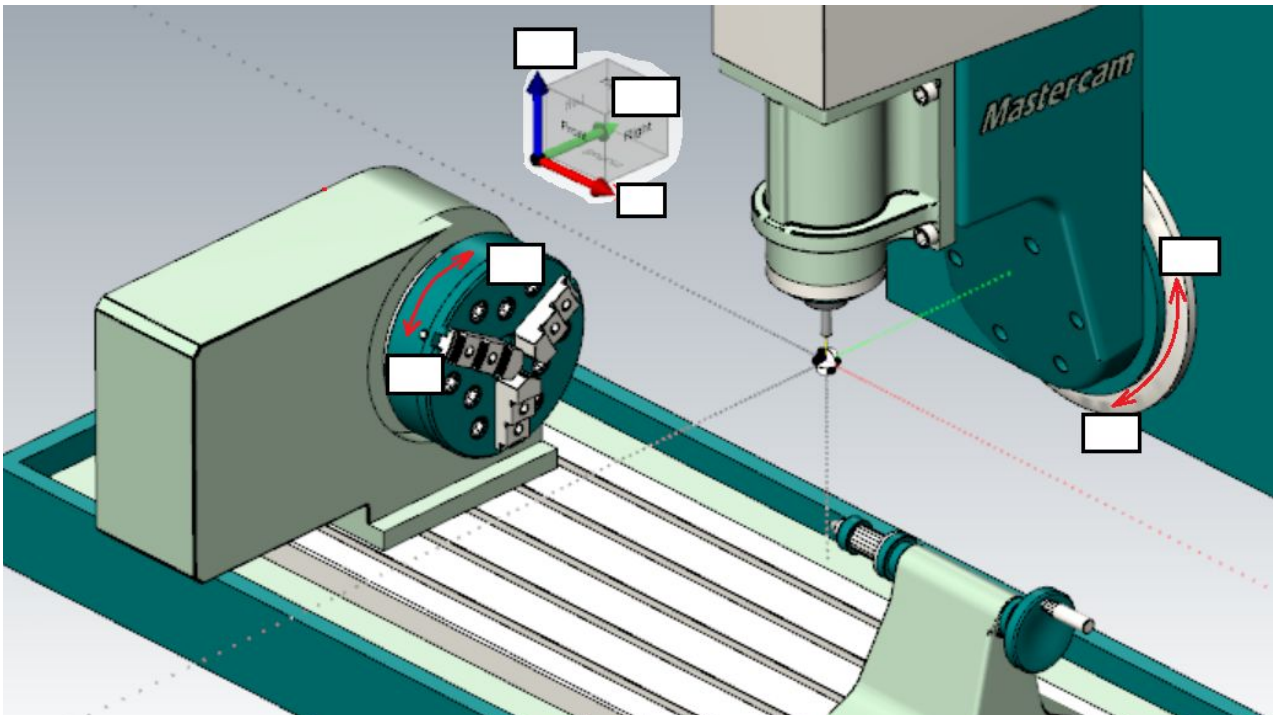
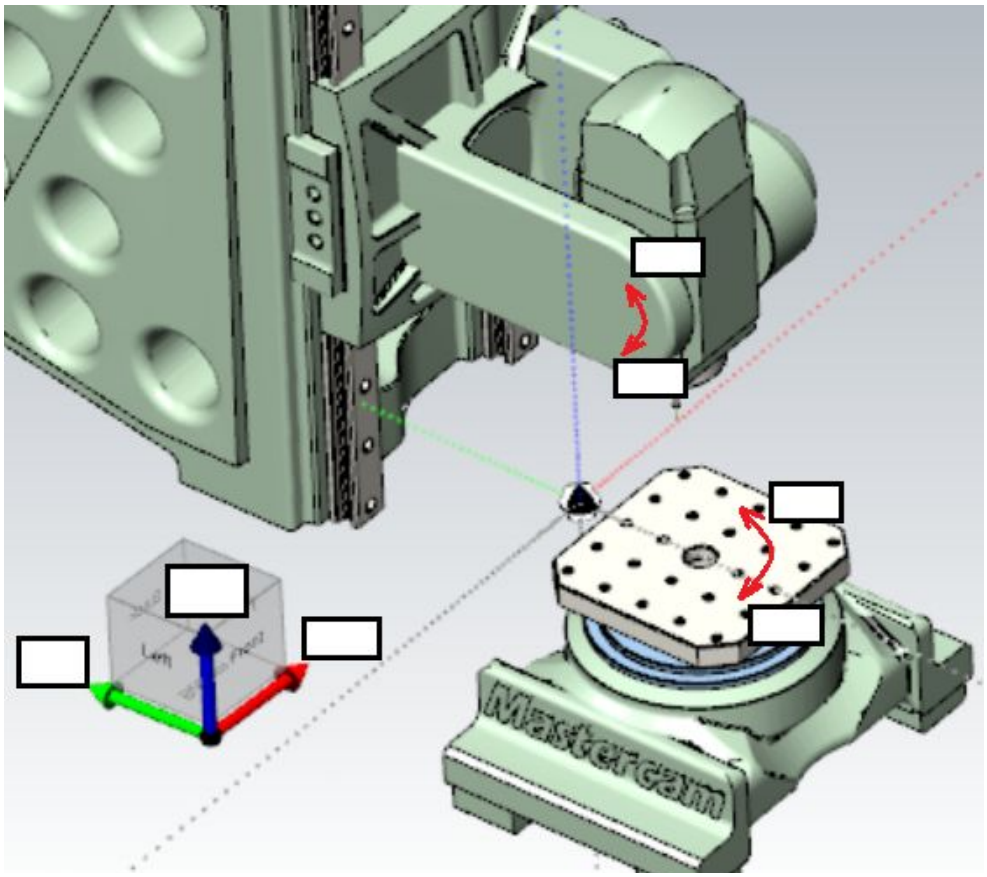
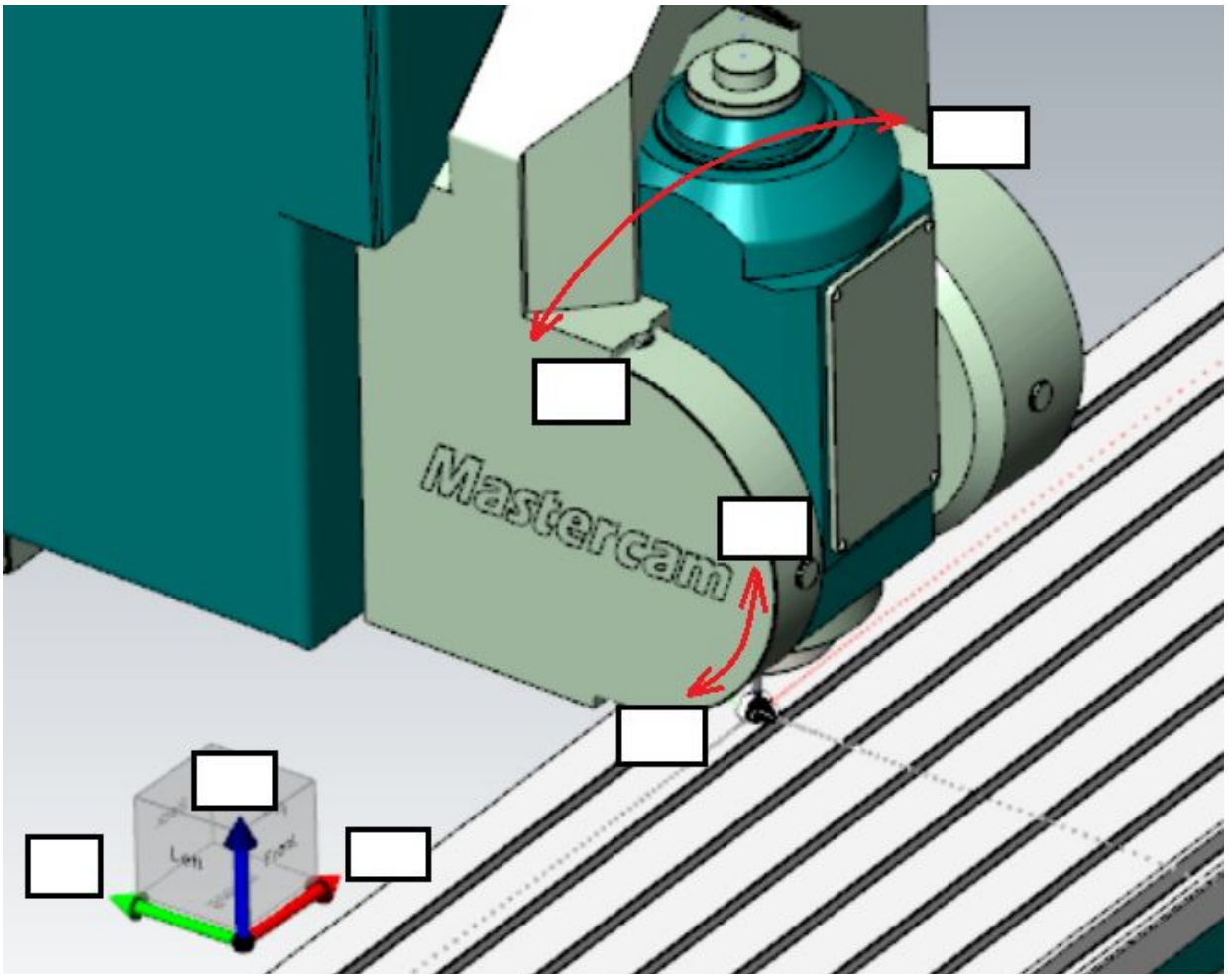
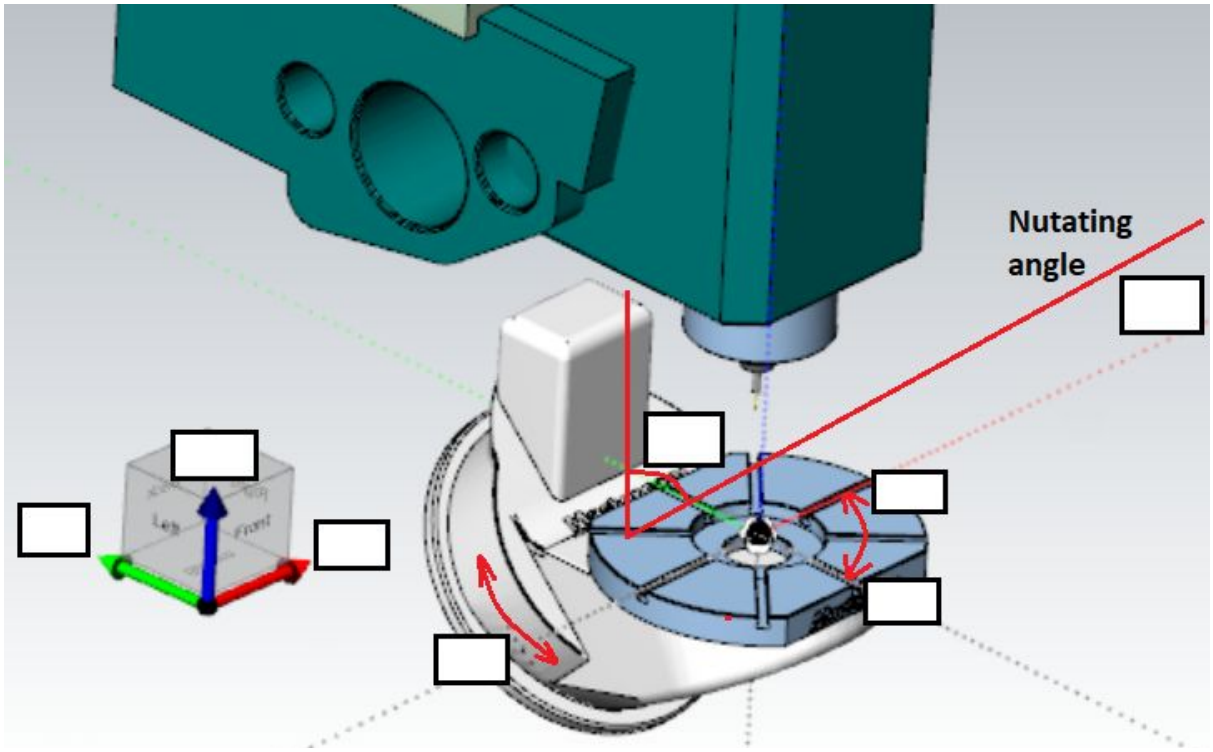





Mastercam


Mastercam


Mastercam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angle

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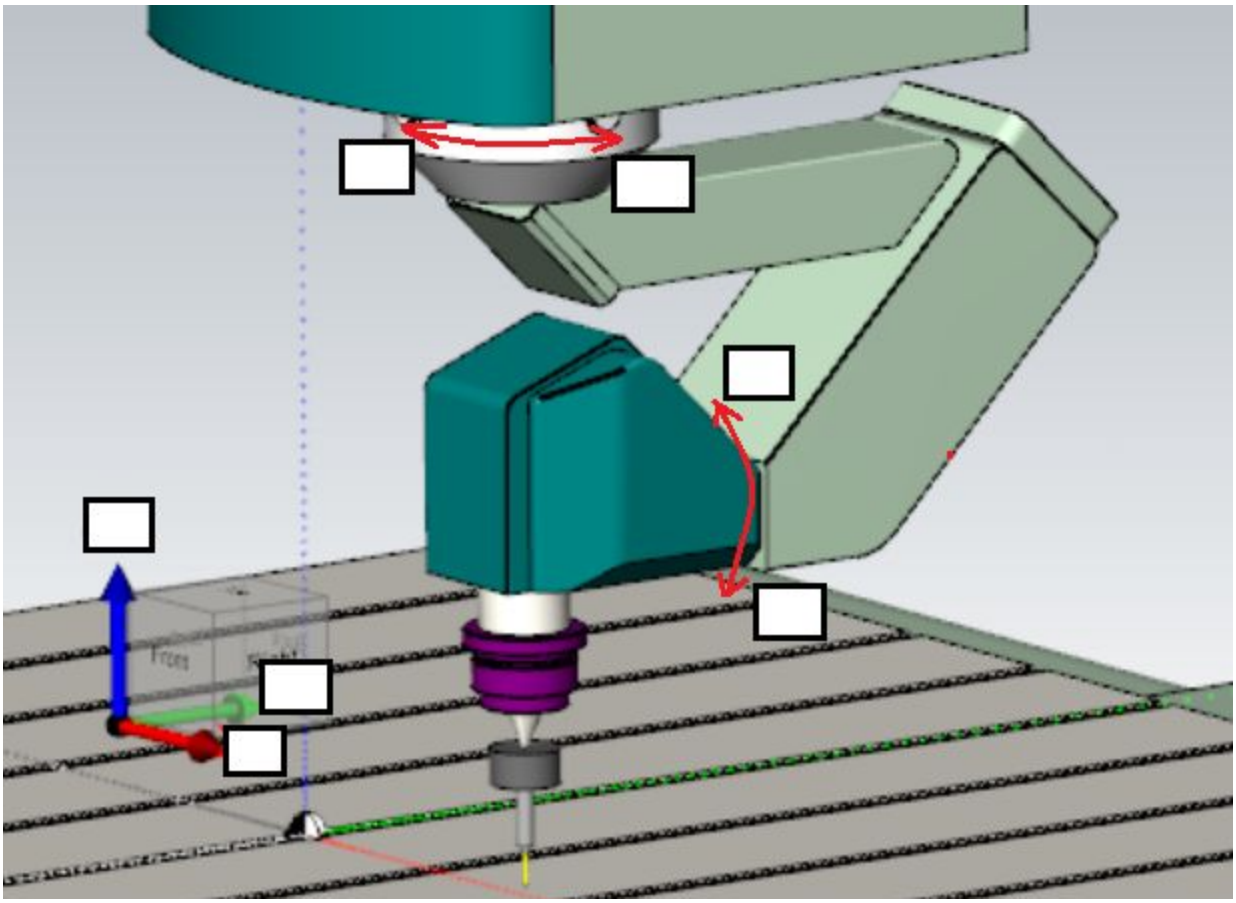

Section D - 6 or more axis Mill/Router

1. Choose the diagram that most closely represents your machine from section C
2. Label XYZ as if your rotaries are in their zero positions if possible. If not possible, indicate the zero positions as a marking on the diagram
3. Fill in the label boxes for each axis, including the +/- direction
4. Add in any detailed descriptions of extra axes below: