

MECHANISMS INFORMATION / WORKSHEETS

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On behalf of The World Association of Technology Teachers

W.A.T.T.



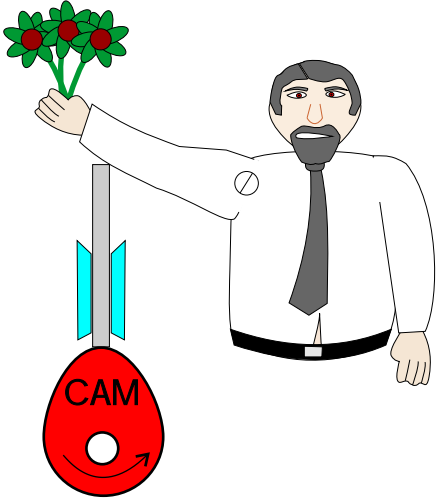
World Association of Technology Teachers

This exercise can be printed and used by teachers and students. It is recommended that you view the website (www.technologystudent.com) before attempting the design sheet .

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CAM QUESTIONS

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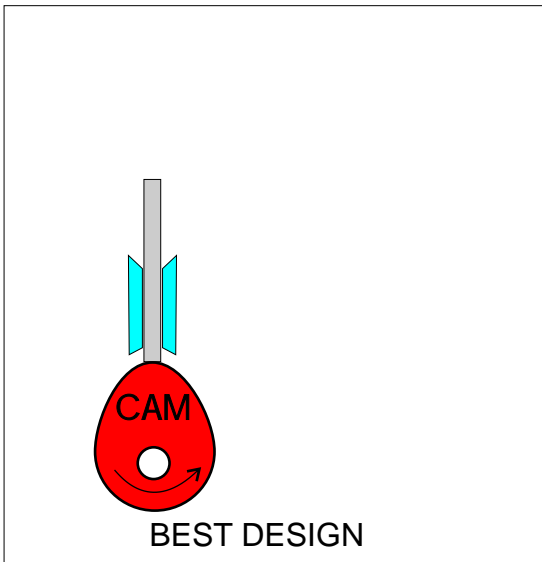
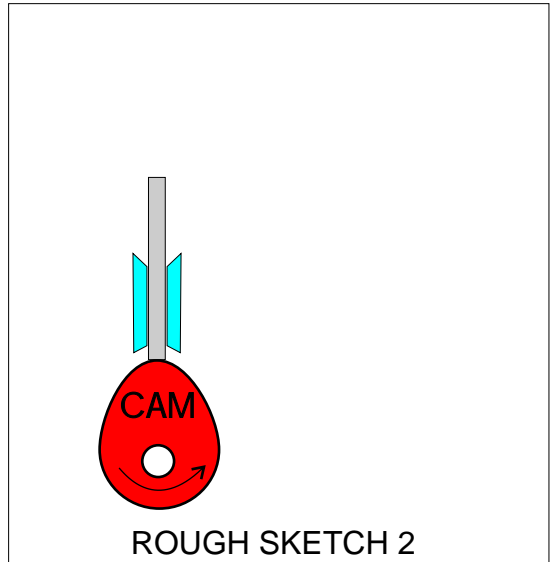
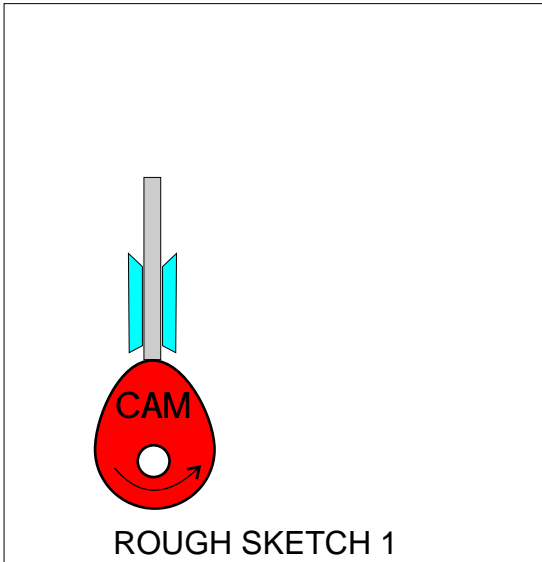
The diagram opposite represents a simple CAM driven mechanical toy.

1. On the diagram label the follower, profile and pivot.
2. Describe what happens as rotation of profile takes place.

3. What is the technical name of the shape of cam?

NAME: _____

4. In the two spaces below draw rough designs/sketches of two simple mechanical toys/devices based on the rotation of the cam shown inside the box. Then select your best design and draw it accurately in the final box. Add notes that explain how it works.



EXPLANATION: _____
