Name _____ Date_____

Systems, security and safety engineers are often called upon to determine effects of a failure on a system. Often they use a method called Fault Tree Analysis or FTA. FTA was developed by a large company for failure analysis and is now used by many industries. Go online and investigate FTA. Use the following prompts to create an informational graphic presentation using computer software, document, or display board. Remember to record the websites you use for proper citation in your presentation piece.

1. What is Fault Tree Analysis?

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2. Who created it?

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3. Who uses it today? (include companies if possible)

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4. How is a Fault Tree Analysis used?

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5. Many writing and publishing software packages have a template for FTA. Find one or create your own on paper and complete a Fault Tree Analysis for the elastic portion of a sling shot.