What is mathematics?
Mathematics

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- Depends on whom you ask.
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- What do you think of when you hear “math”? 
Are These Mathematics?

A. Is honesty the best policy for voters, or can voting for second-best sometimes be wiser? Does the notion of "voter preference" influence how many candidates run?

B. How much more should you expect to pay for a "no interest for six months" purchase?

C. Jesse James hid a stage-coach worth of gold somewhere in a corn maze! How can you search the maze without retracing a path more than once?

D. What is an ambigram and how can we make them?

E. How can three paranoid pirates divide the loot so that each feels he gets at least a third? Is honesty the best policy?
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What is Mathematics?

- How can we define mathematics so that it addresses these questions?
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- How can we define mathematics so that it addresses these questions?
- But how can we distinguish mathematics from just “everything”? 