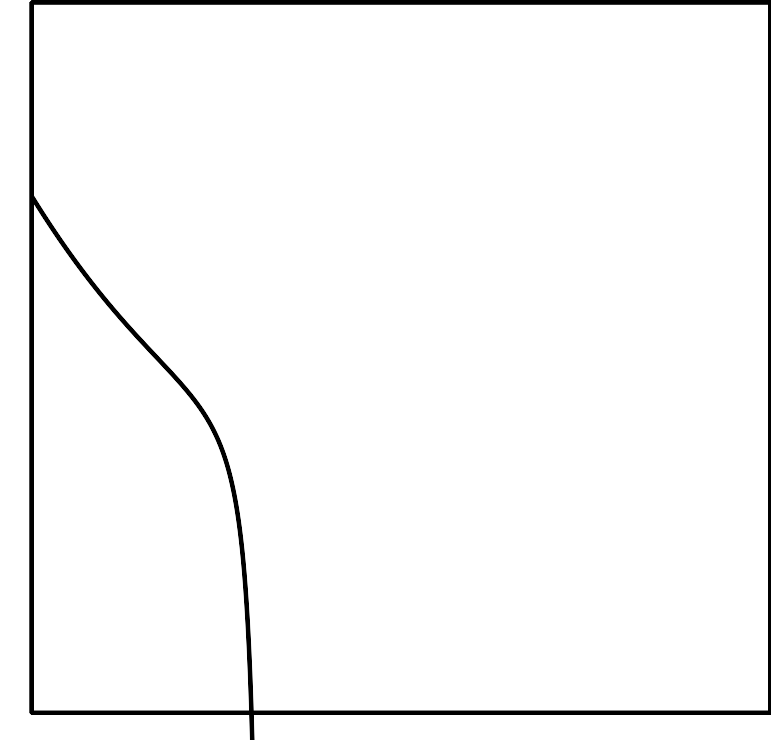
### Lesson 23 Practice Problems

1. Select **all** the identities:​​​​
2. Is an identity? Explain or show your reasoning.
3. Mai is solving the rational equation for . What move do you think Mai would make first to solve for ? Explain your reasoning.
4. For -values of 0 and -2, . Does this mean the equation is an identity? Explain your reasoning.
5. Clare finds an expression for that gives the surface area in square inches of any cylindrical can with a specific fixed volume, in terms of its radius in centimeters. This is the graph Clare gets if she allows to take on any value between -1.2 and 3.
   1. What would be a more appropriate domain for Clare to use instead?
   2. What is the approximate minimum surface area for her can?

* 
* (From Unit 2, Lesson 16.)

1. Which values of make true?

* (From Unit 2, Lesson 22.)



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