### Lesson 18 Practice Problems

1. The value of is . Order these expressions from least to greatest:



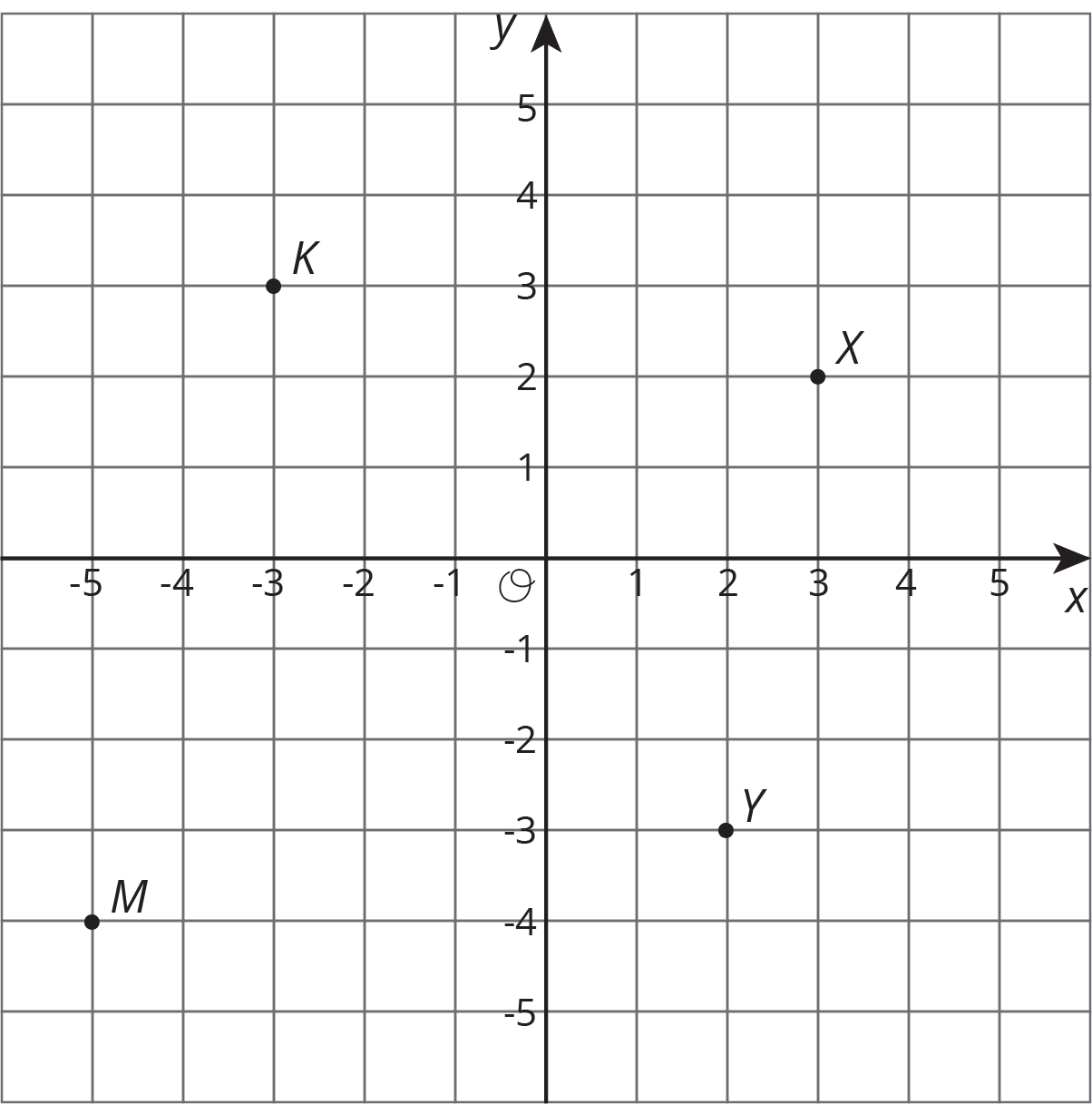
1. Here are four expressions that have the value :

* Write five expressions: a sum, a difference, a product, a quotient, and one that involves at least two operations that have the value .

1. Find the value of each expression.
2. The price of an ice cream cone is $3.25, but it costs $3.51 with tax. What is the sales tax rate?

* (From Unit 6, Lesson 7.)

1. Here are 4 points on a coordinate plane.

* 
  1. Label each point with its coordinates.
  2. Plot a point that is 3 units from point . Label it .
  3. Plot a point that is 2 units from point . Label it .
* (From Unit 7, Lesson 13.)

1. A furniture store pays a wholesale price for a mattress. Then, the store marks up the retail price to 150% of the wholesale price. Later, they put the mattress on sale for 50% off of the retail price. A customer just bought the mattress on sale and paid $1,200.
   1. What was the retail price of the mattress, before the discount?
   2. What was the wholesale price, before the markup?

* (From Unit 6, Lesson 8.)



© CC BY Open Up Resources. Adaptations CC BY IM.