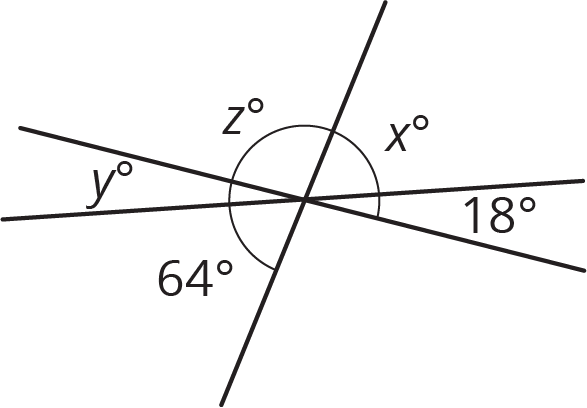
### Lesson 6 Practice Problems

1. A rectangle has side lengths of 6 units and 3 units. Could you make a quadrilateral that is not identical using the same four side lengths? If so, describe it.
2. Come up with an example of three side lengths that can not possibly make a triangle, and explain how you know.
3. Find , , and .

* 
* (From Unit 7, Lesson 3.)

1. How many right angles need to be put together to make:
   1. 360 degrees?
   2. 180 degrees?
   3. 270 degrees?
   4. A straight angle?

* (From Unit 7, Lesson 1.)

1. Solve each equation.

* (From Unit 6, Lesson 8.)
  1. You can buy 4 bottles of water from a vending machine for $7. At this rate, how many bottles of water can you buy for $28? If you get stuck, consider creating a table.
  2. It costs $20 to buy 5 sandwiches from a vending machine. At this rate, what is the cost for 8 sandwiches? If you get stuck, consider creating a table.
* (From Unit 4, Lesson 3.)



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