Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period\_\_\_\_\_\_\_\_\_\_\_\_

**Is it Right?**

*Use the given side lengths to determine whether or not they will form a right triangle.*

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| --- | --- | --- |
|  | **Draw a diagram.** | **Solve. Show your work.** |
| **1. a= 6** **b= 8** **c= 10** |  |  |
| **2. a= 5** **c= 9** **b= 8** |  |  |
| **3. b= 16** **a= 12** **c= 20** |  |  |
| **4. b= 8** **c= 17** **a= 15** |  |  |
| **5. c= 14** **a= 5** **b= 12** |  |  |

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period\_\_\_\_\_\_\_\_\_\_\_\_

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