Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Table# \_\_\_\_ Period: \_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_

**7.3D NOTES – Pythagorean Theorem Review**

*Objective: use Pythagorean Theorem to find missing side lengths of right triangles; solve real-life problems CC.8.EE.2/6/7/8*

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| --- | --- |
| 1. TA: C:\replacearts\Blue Resources by Chapter\Blue Chapter 7 RBC\Arts\PNGs\mscc8_rbc_0703_04.pngFind the missing length of the triangle. | 1. Find the missing length of the triangle.   TA: C:\replacearts\Blue Resources by Chapter\Blue Chapter 7 RBC\Arts\PNGs\mscc8_rbc_0703_05.png |
| 1. Find the missing length of the triangle.   TA: C:\replacearts\Blue Resources by Chapter\Blue Chapter 7 RBC\Arts\PNGs\mscc8_rbc_0703_06.png | 1. Find the missing length of the triangle.   TA: C:\replacearts\Blue Resources by Chapter\Blue Chapter 7 RBC\Arts\PNGs\mscc8_rbc_0703_07.png |
| 1. If a = 10 and c = 25, what is b? Round to the nearest tenth. | 1. Find the missing length of the figure   TA: C:\replacearts\Blue Resources by Chapter\Blue Chapter 7 RBC\Arts\PNGs\mscc8_rbc_0703_08.png |
| 1. Can a right triangle have a leg that is 10 meters long and a hypotenuse that is 10 meters long? Explain. | 1. To get from your house to your school, you ride your TA: C:\replacearts\Blue Resources by Chapter\Blue Chapter 7 RBC\Arts\PNGs\mscc8_rbc_0703_15.pngbicycle 6 blocks west and 8 blocks north. A new road is being built that will go directly from your house to your school, creating a right triangle. When you take the new road to school, how many fewer blocks will you be riding to school and back?   TA: C:\replacearts\Blue Resources by Chapter\Blue Chapter 7 RBC\Arts\PNGs\mscc8_rbc_0703_15.png |