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| Lesson 6.2 Practice: Explain how you know that the triangles are similar. ***(AA, SSS, SAS)***  |
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| Determine what additional information you would need to prove that the triangles are similar using the given theorem. |
| 7. What information would you need to use the Angle-Angle Similarity Theorem to prove that the triangles are similar? |  |
| 8. What information would you need to use the Angle-Angle Similarity Theorem to prove that the triangles are similar? |  |
| 9. What information would you need to use the Side-Angle-Side Similarity Theorem to prove that the triangles are similar? |  |
| 10. What information would you need to use the Side-Angle-Side Similarity Theorem to prove that the triangles are similar? |  |
| 11. What information would you need to use the Side-Side-Side Similarity Theorem to prove that these triangles are similar? |  |
| 12. What information would you need to use the Side-Side-Side Similarity Theorem to prove that these triangles are similar? |  |
| Determine whether each pair of triangles is similar. Explain your reasoning. |
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