Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**7.1 Law of Sines ASA and AAS**

Complete the table below. Be sure to sketch a triangle for each question.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Case | A | B | C | a | b | c |
| 1 |  | 110o | 25o |  | 6 |  |  |
| 2 |  | 63o |  | 52o |  | 25 |  |
| 3 |  |  | 22o | 87o |  | 24 |  |
| 4 |  |  | 62o | 28o | 17 |  |  |
| 5 |  | 46o | 95o |  |  |  | 6.8 |
| 6 |  | 13.4o | 24.8o |  | 315 |  |  |
| 7 |  | 5o | 125o |  |  |  | 510 |

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**7.1 Law of Sines ASA and AAS**

Complete the table below. Be sure to sketch a triangle for each question.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Case | A | B | C | a | b | c |
| 1 |  | 110o | 25o |  | 6 |  |  |
| 2 |  | 63o |  | 52o |  | 25 |  |
| 3 |  |  | 22o | 87o |  | 24 |  |
| 4 |  |  | 62o | 28o | 17 |  |  |
| 5 |  | 46o | 95o |  |  |  | 6.8 |
| 6 |  | 13.4o | 24.8o |  | 315 |  |  |
| 7 |  | 5o | 125o |  |  |  | 510 |