socrative
by MasteryConnect

Name: _____   **Date:** _____

Quiz name: Law of Sines- number of solutions

1. How many solutions are there for a triangle where $A=85^o$, a=15, and b=25?

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2. How many solutions are there for a triangle where $A=42^o$, a=22, and b=12?

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3. How many solutions are there for a triangle where a=4.5, b=5, and $A=58^o$?

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4. How many solutions are there for a triangle where a=4, c=4, and $A=110^o$?

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5. How many solutions are there for a triangle where a=33, b=50, and $A=132^o$?

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6. How many solutions are there for a triangle where a=125, b=150, and $A=25^o$?

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7. How many solutions are there for a triangle where a=32, c=20, and $A=112^o$?

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8. How many solutions are there for a triangle where a=22, b=12, and $A=42^o$?

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9. How many solutions are there for a triangle where c=13, b=15, and $C=50^\circ$?

10. How many solutions are there for a triangle where a=12, b=15, and $A=55^\circ$?