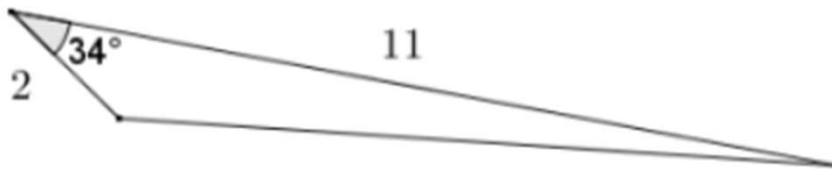
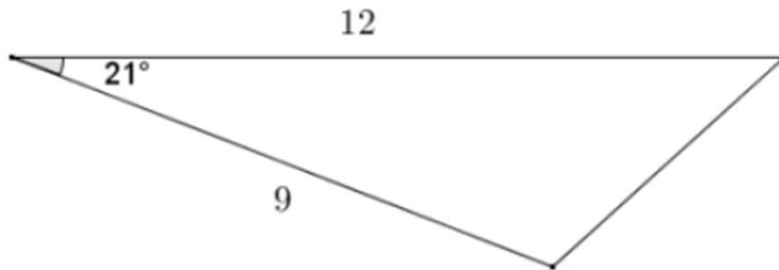


Trigonometry Worksheets

Area using Sine

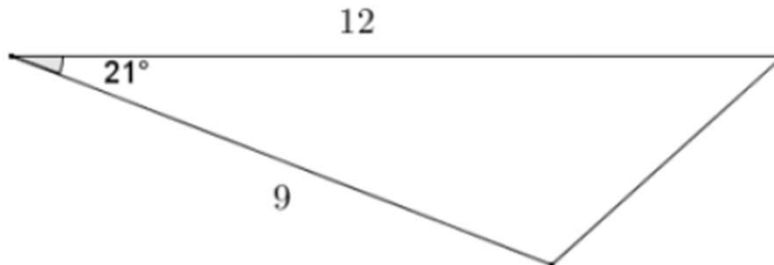
Find the area of each triangle. Round each answer to the nearest tenth.



Trigonometry Worksheets

Area using Sine

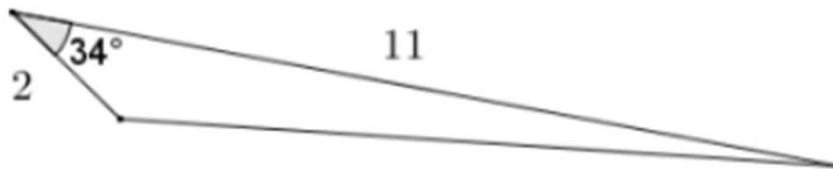
Find the area of each triangle. Round each answer to the nearest tenth.



$$\text{Area} = \frac{1}{2}(12)(9)(\sin 21)$$

$$\text{Area} = 54(\sin 21) \approx 19.4$$

The area of the triangle is approximately 19.4 square units.



$$\text{Area} = \frac{1}{2}(2)(11)(\sin 34)$$

$$\text{Area} = 11(\sin 34) \approx 6.2$$

The area of the triangle is approximately 6.2 square units.

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