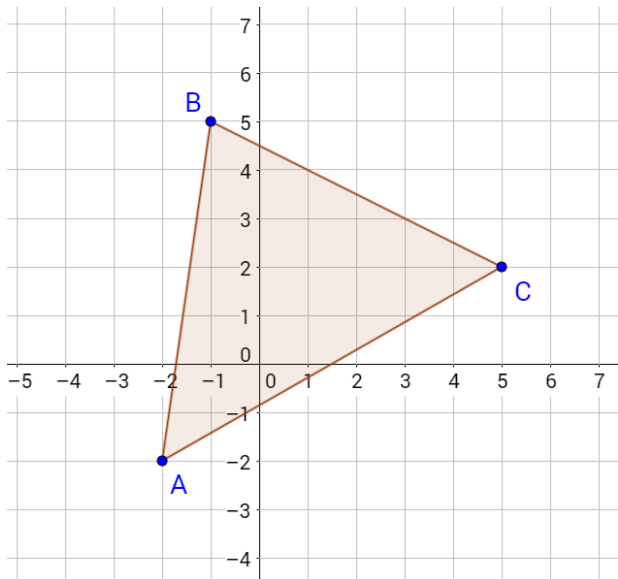


MG-1a

4. Organizers are preparing water for an upcoming race. Each water cooler is a 2-foot tall cylinder with a 10-inch diameter. Water is distributed in cone-shaped cups 5 inches tall with a diameter of 4 inches. There are 300 runners and each runner is given 2 drinks. Approximately how many coolers are needed? Show the calculations that lead to your conclusion.

GPE-B2



5. Find the perimeter of $\triangle ABC$ to the nearest tenth.

6. Find the area of $\triangle ABC$